

DAY 1
Topics/Concepts to cover: <i>Introduction to Computer Programming</i> <i>Introduction to C</i> <i>Basic syntax rules</i> <i>Comments</i> <i>Tokens: Keywords, Identifiers, Constants, Operators</i> <i>C Input/ Output</i>
Support materials: Lecture 1, Lab2, Lab1

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Introduction to Computer Programming	Lecture 1, slides: 3 - 11	<input type="checkbox"/>	<input type="checkbox"/>			
2	Introduction to C	Lecture 1, slides: 12 - 21	<input type="checkbox"/>	<input type="checkbox"/>			
3	Basic syntax rules	Lecture 1, slide: 22	<input type="checkbox"/>	<input type="checkbox"/>			
4	Comments	Lecture 1, slide: 23	<input type="checkbox"/>	<input type="checkbox"/>			
5	Tokens:	Lecture 1, slides: 24 - 38	<input type="checkbox"/>	<input type="checkbox"/>			
	Keywords	Lecture 1, slides: 25 - 27	<input type="checkbox"/>	<input type="checkbox"/>			
	Identifiers	Lecture 1, slide: 28	<input type="checkbox"/>	<input type="checkbox"/>			
	Constants (types, definition)	Lecture 1, slides: 29 - 36	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 1, slides: 35, 36	<input type="checkbox"/>	<input type="checkbox"/>
	Operators	Lecture 1, slide: 37	<input type="checkbox"/>	<input type="checkbox"/>			
			Lab2, subchapter 2.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab2, Listings 2, 3, 4	<input type="checkbox"/>
6	Special symbols	Lecture 1, slide: 38					
	C Input/ Output	Lab1	<input type="checkbox"/>	<input type="checkbox"/>			
	scanf() and printf()	Lab1, subchapter 1.2.1	<input type="checkbox"/>	<input type="checkbox"/>	Lab1, Listings 1, 2, Exercises 2 - 8	<input type="checkbox"/>	<input type="checkbox"/>
	sscanf() and sprintf()	Lab1, subchapter 1.2.2	<input type="checkbox"/>	<input type="checkbox"/>	Lab1, Listing 3	<input type="checkbox"/>	<input type="checkbox"/>
	getchar() and putchar()	Lab1, subchapter 1.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab1, Listing 4	<input type="checkbox"/>	<input type="checkbox"/>
	gets() and puts()	Lab1, subchapter 1.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lab1, Listing 5	<input type="checkbox"/>	<input type="checkbox"/>

DAY 2
Topics/Concepts to cover: <i>Data representation: Integers representation, Floating-point numbers representation, Characters representation</i> <i>Data types: Classification, Basic data types</i> <i>Variables: Definition, Initialization, Declaration, Local variables, Global variables, Static variables</i> <i>Expressions: Definition, Evaluation, Data types conversion</i>
Support materials: Lecture 2, Lab2

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Data representation:	Lecture 2, slides: 3 - 24	<input type="checkbox"/>	<input type="checkbox"/>			
	Integers representation	Lecture 2, slides: 6 - 11	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slides: 7, 9, 10	<input type="checkbox"/>	<input type="checkbox"/>
	Floating-point numbers representation	Lecture 2, slides: 12 - 20	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slides: 12, 13, 16, 17	<input type="checkbox"/>	<input type="checkbox"/>
	Characters representation	Lecture 2, slides: 21 - 24	<input type="checkbox"/>	<input type="checkbox"/>			
2	Data types:	Lecture 2, slides: 25 - 28	<input type="checkbox"/>	<input type="checkbox"/>			
	Classification	Lecture 2, slide: 25	<input type="checkbox"/>	<input type="checkbox"/>			
	Basic data types	Lecture 2, slides: 26 - 28 Lab2, subchapter 2.2.1	<input type="checkbox"/>	<input type="checkbox"/>	Lab2, Listing 1	<input type="checkbox"/>	<input type="checkbox"/>
3	Variables:	Lecture 2, slides: 29 - 40	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 2, slide: 30	<input type="checkbox"/>	<input type="checkbox"/>			
	Initialization	Lecture 2, slides: 31 - 32	<input type="checkbox"/>	<input type="checkbox"/>			
	Declaration	Lecture 2, slides: 33 - 34	<input type="checkbox"/>	<input type="checkbox"/>			
	Local variables (definition and initialization)	Lecture 2, slide: 35	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide 35	<input type="checkbox"/>	<input type="checkbox"/>
	Global variables (definition and initialization)	Lecture 2, slides: 36 - 38	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slides: 36, 38	<input type="checkbox"/>	<input type="checkbox"/>
4	Static variables (types, definition and initialization)	Lecture 2, slides: 39 - 40	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 40	<input type="checkbox"/>	<input type="checkbox"/>
	Expressions:	Lecture 2, slides: 41 - 49	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition and evaluation	Lecture 2, slides: 41 - 47 Lab2, subchapter 2.2.2	<input type="checkbox"/>	<input type="checkbox"/>	Lab2, Exercises 2 - 10	<input type="checkbox"/>	<input type="checkbox"/>
	Data types conversion (implicit, explicit)	Lecture 2, slides: 48 - 49 Lab2, subchapter 2.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slides: 48, 49 Lab2, Listing 5	<input type="checkbox"/>	<input type="checkbox"/>

DAY 3							
Topics/Concepts to cover: <i>Statements: Labeled statements, Expression statements, Decision making statements, Loop statements, Jump statements</i>							
Support materials: Lecture 2, Lab3							

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Statements:	Lecture 2, slides: 50 - 65	<input type="checkbox"/>	<input type="checkbox"/>			
	Labeled statements (case, default)	Lecture 2, slide: 50	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab3, subchapter 3.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	Expression statements	Lecture 2, slide: 50	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab3, subchapter 3.2.2	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 1	<input type="checkbox"/>	<input type="checkbox"/>
	Decision making statements:	Lecture 2, slides: 51 - 57	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab3, subchapter 3.2.3	<input type="checkbox"/>	<input type="checkbox"/>			
	if	Lecture 2, slide: 52	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 52	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.3	<input type="checkbox"/>	<input type="checkbox"/>			
	if ... else	Lecture 2, slide: 53	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 53	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.3	<input type="checkbox"/>	<input type="checkbox"/>			
	if ... else if ... else	Lecture 2, slide: 54	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab3, subchapter 3.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 2, Exercise 7	<input type="checkbox"/>	<input type="checkbox"/>
	switch	Lecture 2, slides: 55 - 56	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 56	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 3, Exercises 2, 10	<input type="checkbox"/>	<input type="checkbox"/>
	Loop statements:	Lecture 2, slides: 58 - 62	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab3, subchapter 3.2.4	<input type="checkbox"/>	<input type="checkbox"/>			
	for	Lecture 2, slide: 59	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slides: 59, 60	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 4, Exercises 3, 8, 11	<input type="checkbox"/>	<input type="checkbox"/>
	while	Lecture 2, slide: 61	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 61	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 5, Exercises 4, 5, 6, 9, 10	<input type="checkbox"/>	<input type="checkbox"/>
	do ... while	Lecture 2, slide: 62	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 62	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 6	<input type="checkbox"/>	<input type="checkbox"/>
	Jump statements:	Lecture 2, slides: 63 - 65	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab3, subchapter 3.2.5	<input type="checkbox"/>	<input type="checkbox"/>			
	break	Lecture 2, slide: 64	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 64	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.5	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 7, Exercise 5	<input type="checkbox"/>	<input type="checkbox"/>
	continue	Lecture 2, slide: 64	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 64	<input type="checkbox"/>	<input type="checkbox"/>
		Lab3, subchapter 3.2.5	<input type="checkbox"/>	<input type="checkbox"/>	Lab3, Listing 8, Exercise 6	<input type="checkbox"/>	<input type="checkbox"/>
	goto	Lecture 2, slide: 65	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 65	<input type="checkbox"/>	<input type="checkbox"/>
Lab3, subchapter 3.2.5		<input type="checkbox"/>	<input type="checkbox"/>				
return	Lecture 2, slide: 65	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 2, slide: 65	<input type="checkbox"/>	<input type="checkbox"/>	
	Lab3, subchapter 3.2.5	<input type="checkbox"/>	<input type="checkbox"/>				

DAY 4
Topics/Concepts to cover: <i>Arrays: Definition, One dimensional arrays, Two dimensional arrays, Local and global arrays, Static arrays</i> <i>Preprocessor directives</i> <i>Predefined macros</i>
Support materials: Lecture 3

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Arrays:	Lecture 3, slides: 3 - 16	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 3, slide: 3	<input type="checkbox"/>	<input type="checkbox"/>			
	One dimensional arrays definition	Lecture 3, slide: 4	<input type="checkbox"/>	<input type="checkbox"/>			
	One dimensional arrays initialization	Lecture 3, slides: 5 - 6	<input type="checkbox"/>	<input type="checkbox"/>			
	One dimensional arrays' element accessing	Lecture 3, slide: 7	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 7	<input type="checkbox"/>	<input type="checkbox"/>
	One dimensional arrays declaration	Lecture 3, slide: 8	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 8	<input type="checkbox"/>	<input type="checkbox"/>
	Two dimensional arrays definition	Lecture 3, slide: 9	<input type="checkbox"/>	<input type="checkbox"/>			
	Two dimensional arrays initialization	Lecture 3, slides: 10 - 11	<input type="checkbox"/>	<input type="checkbox"/>			
	Two dimensional arrays' element accessing	Lecture 3, slide: 12	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 12	<input type="checkbox"/>	<input type="checkbox"/>
	Two dimensional arrays declaration	Lecture 3, slide: 13	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 13	<input type="checkbox"/>	<input type="checkbox"/>
	Local and global arrays	Lecture 3, slide: 14	<input type="checkbox"/>	<input type="checkbox"/>			
	Static arrays (local and global)	Lecture 3, slides: 15 - 16	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 16	<input type="checkbox"/>	<input type="checkbox"/>
2	Preprocessor directives:	Lecture 3, slides: 17 - 28	<input type="checkbox"/>	<input type="checkbox"/>			
	#include	Lecture 3, slide: 19	<input type="checkbox"/>	<input type="checkbox"/>			
	#define	Lecture 3, slides: 20 - 21	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slides: 20, 21	<input type="checkbox"/>	<input type="checkbox"/>
	#undef	Lecture 3, slide: 22	<input type="checkbox"/>	<input type="checkbox"/>			
	#ifdef and #ifndef	Lecture 3, slides: 23 - 24	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 24	<input type="checkbox"/>	<input type="checkbox"/>
	#if	Lecture 3, slide: 25	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 25	<input type="checkbox"/>	<input type="checkbox"/>
	#else and #elif	Lecture 3, slide: 26	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 26	<input type="checkbox"/>	<input type="checkbox"/>
	#warning	Lecture 3, slide: 27	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 27	<input type="checkbox"/>	<input type="checkbox"/>
#error	Lecture 3, slide: 28	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 28	<input type="checkbox"/>	<input type="checkbox"/>	
3	Predefined macros	Lecture 3, slide: 29	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 3, slide: 29	<input type="checkbox"/>	<input type="checkbox"/>

DAY 5
Topics/Concepts to cover: Addresses Pointers: Definition, Pointer variables definition, Pointer variables initialization, Pointer unary operators, Pointer to void, Constant pointers, Pointer arithmetic, Pointers and arrays, Character arrays and pointers, Arrays of pointers, Pointer to pointer
Support materials: Lecture 4, Lab4

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Addresses	Lecture 4, slide: 3	<input type="checkbox"/>	<input type="checkbox"/>			
2	Pointers:	Lecture 4, slides: 4 - 26	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 4, slide: 4	<input type="checkbox"/>	<input type="checkbox"/>			
	Pointer variables definition	Lecture 4, slide: 5 Lab4, subchapter 4.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	Pointer variables initialization	Lecture 4, slide: 6 Lab4, subchapter 4.2.2	<input type="checkbox"/>	<input type="checkbox"/>			
	Pointer unary operators	Lecture 4, slides: 7 - 8 Lab4, subchapter 4.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 4, slide: 8 Lab4, Listing 1, Exercises 2, 3	<input type="checkbox"/>	<input type="checkbox"/>
	Pointer to void	Lecture 4, slide: 9 Lab4, subchapter 4.2.4	<input type="checkbox"/>	<input type="checkbox"/>			
	Constant pointers	Lecture 4, slide: 10 Lab4, subchapter 4.2.5	<input type="checkbox"/>	<input type="checkbox"/>			
	Pointer arithmetic	Lecture 4, slides: 11 - 14 Lab4, subchapter 4.2.6	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 4, slide: 12	<input type="checkbox"/>	<input type="checkbox"/>
	Pointers and arrays	Lecture 4, slides: 15 - 19 Lab4, subchapter 4.2.7	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 4, slides: 18, 19 Lab4, Listing 2, Exercises 4, 5	<input type="checkbox"/>	<input type="checkbox"/>
	Character arrays and pointers	Lecture 4, slides: 20 - 21	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 4, slides: 20, 21	<input type="checkbox"/>	<input type="checkbox"/>
	Arrays of pointers	Lecture 4, slides: 22 - 24 Lab4, subchapter 4.2.8	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 4, slide: 22, 23 Lab4, Listings 4, 5	<input type="checkbox"/>	<input type="checkbox"/>
	Pointer to pointer	Lecture 4, slides: 25 - 26 Lab4, subchapter 4.2.9	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 4, slide: 26 Lab4, Listing 6	<input type="checkbox"/>	<input type="checkbox"/>

DAY 6
Topics/Concepts to cover: Functions: Definition, Declaration, Call (by value, by reference), Passing arrays to functions, Header files C Standard Library Pointers to functions Recursion
Support materials: Lecture 5, Lecture 6, Lab5

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Functions:	Lecture 5, slides: 3 - 21	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 5, slides: 3 - 7	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab5, subchapter 5.2.1	<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Exercise 2	<input type="checkbox"/>	<input type="checkbox"/>
	Declaration	Lecture 5, slides: 8 - 9	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab5, subchapter 5.2.2	<input type="checkbox"/>	<input type="checkbox"/>			
	Call (by value, by reference)	Lecture 5, slides: 10 - 13	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 5, slides: 12, 13	<input type="checkbox"/>	<input type="checkbox"/>
		Lab5, subchapter 5.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Listings 1, 2, Exercises 3, 4, 5	<input type="checkbox"/>	<input type="checkbox"/>
	Passing arrays to functions	Lecture 5, slides: 14 - 19	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 5, slides: 14, 15, 17, 18, 19	<input type="checkbox"/>	<input type="checkbox"/>
Lab5, subchapter 5.2.3		<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Listing 3, Exercises 6, 7, 8	<input type="checkbox"/>	<input type="checkbox"/>	
Header files	Lecture 5, slide: 20	<input type="checkbox"/>	<input type="checkbox"/>				
2	C Standard Library:	Lecture 5, slides: 21 - 26	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab5, subchapter 5.2.6	<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Exercise 12	<input type="checkbox"/>	<input type="checkbox"/>
	Character handling library (ctype.h)	Lecture 5, slide: 23	<input type="checkbox"/>	<input type="checkbox"/>			
	Numerics library (math.h)	Lecture 5, slide: 24	<input type="checkbox"/>	<input type="checkbox"/>			
	General utility library (stdlib.h)	Lecture 5, slide: 25	<input type="checkbox"/>	<input type="checkbox"/>			
	Strings library (strings.h)	Lecture 5, slide: 26	<input type="checkbox"/>	<input type="checkbox"/>			
3	Pointers to functions	Lecture 6, slides: 3 - 12	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 6, slides: 5, 8, 12	<input type="checkbox"/>	<input type="checkbox"/>
		Lab5, subchapter 5.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Listings 4, 5, Exercise 9	<input type="checkbox"/>	<input type="checkbox"/>
4	Recursion	Lecture 6, slides: 13 - 22	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 6, slides: 13 -15	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab5, subchapter 5.2.5	<input type="checkbox"/>	<input type="checkbox"/>			
	Direct recursion	Lecture 6, slides: 16 - 20	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 6, slides: 18, 19, 20	<input type="checkbox"/>	<input type="checkbox"/>
		Lab5, subchapter 5.2.5	<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Listing 6, Exercises 10, 11	<input type="checkbox"/>	<input type="checkbox"/>
	Indirect recursion	Lecture 6, slides: 21 - 22	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 6, slide: 22	<input type="checkbox"/>	<input type="checkbox"/>
Lab5, subchapter 5.2.5		<input type="checkbox"/>	<input type="checkbox"/>	Lab5, Listing 7	<input type="checkbox"/>	<input type="checkbox"/>	

DAY 7
Topics/Concepts to cover: <i>Memory representation of C programs</i> <i>Memory management</i> <i>Dynamic memory allocation: Definition, Build-in library functions, Example</i> <i>Variable's scope</i> <i>Modularization</i>
Support materials: Lecture 7, Lab6

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Memory representation of C programs	Lecture 7, slide: 3	<input type="checkbox"/>	<input type="checkbox"/>			
2	Memory management	Lecture 7, slides: 4 - 5	<input type="checkbox"/>	<input type="checkbox"/>			
3	Dynamic memory allocation:	Lecture 7, slides: 6 - 16	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 7, slides: 6 - 7	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab6, subchapter 6.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	Build-in library functions:	Lecture 7, slides: 8 - 16	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab6, subchapter 6.2.1	<input type="checkbox"/>	<input type="checkbox"/>	Lab 6, Listing 1	<input type="checkbox"/>	<input type="checkbox"/>
	malloc()	Lecture 7, slide 9	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 7, slides: 13, 16	<input type="checkbox"/>	<input type="checkbox"/>
	calloc()	Lecture 7, slide 10	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 7, slide: 14	<input type="checkbox"/>	<input type="checkbox"/>
	realloc()	Lecture 7, slide 11	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 7, slide: 15	<input type="checkbox"/>	<input type="checkbox"/>
	free()	Lecture 7, slide 12	<input type="checkbox"/>	<input type="checkbox"/>			
4	Variable's scope	Lab6, subchapter 6.2.2	<input type="checkbox"/>	<input type="checkbox"/>			
5	Modularization	Lecture 7, slides: 17 - 27	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab6, subchapter 6.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab 6, Listings 2, 3, 4	<input type="checkbox"/>	<input type="checkbox"/>

DAY 8
Topics/Concepts to cover: <i>Strings: Definition and initialization, Internal memory representation, Array of strings, Standard I/O functions, Standard string-processing functions Command-line arguments</i>
Support materials: Lecture 8

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Strings:	Lecture 8, slides: 3 - 26	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition and initialization	Lecture 8, slides: 3 - 4	<input type="checkbox"/>	<input type="checkbox"/>			
	Internal memory representation	Lecture 8, slides: 5 - 6	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 6	<input type="checkbox"/>	<input type="checkbox"/>
	Array of strings	Lecture 8, slides: 7 - 12	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 12	<input type="checkbox"/>	<input type="checkbox"/>
	Standard I/O functions	Lecture 8, slides: 13 - 14	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 14	<input type="checkbox"/>	<input type="checkbox"/>
	Standard string-processing functions:	Lecture 8, slides: 15 - 24	<input type="checkbox"/>	<input type="checkbox"/>			
	strlen()	Lecture 8, slide: 16	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 16	<input type="checkbox"/>	<input type="checkbox"/>
	strcpy(), strncpy()	Lecture 8, slides: 17 - 18	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 18	<input type="checkbox"/>	<input type="checkbox"/>
	strcat(), strncat()	Lecture 8, slides: 19 - 20	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 20	<input type="checkbox"/>	<input type="checkbox"/>
	strcmp(), strncmp()	Lecture 8, slides: 21 - 22	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 22	<input type="checkbox"/>	<input type="checkbox"/>
	strchr(), strtstr()	Lecture 8, slides: 23 - 24	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 24	<input type="checkbox"/>	<input type="checkbox"/>
	Frequent errors	Lecture 8, slides: 25 - 26	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 26	<input type="checkbox"/>	<input type="checkbox"/>
2	Command-line arguments	Lecture 8, slides: 27 - 30	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 8, slide: 30	<input type="checkbox"/>	<input type="checkbox"/>

DAY 9
Topics/Concepts to cover: Structures: Definition, Defining structure variables, Initializing structure variables, Accessing structure members, Array of structures, Structures within structures, Passing structures as arguments to functions, Dynamic memory allocation, Structure padding, Bit fields Unions: Definition, Size of unions, Defining union variables, Accessing union members Enumerations: Definition, Defining enumeration variables Typedef
Support materials: Lecture 9, Lab7

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Structures:	Lecture 9, slides: 3 - 23	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 9, slide: 3	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab7, subchapter 7.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	Defining structure variables	Lecture 9, slides: 4 - 6	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab7, subchapter 7.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	Initializing structure variables	Lecture 9, slides: 7 - 8	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab7, subchapter 7.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	Accessing structure members	Lecture 9, slides: 9 - 11	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slides: 9, 10	<input type="checkbox"/>	<input type="checkbox"/>
		Lab7, subchapter 7.2.1	<input type="checkbox"/>	<input type="checkbox"/>	Lab7, Listing 1, Exercise 3	<input type="checkbox"/>	<input type="checkbox"/>
	Array of structures	Lecture 9, slide: 12	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 12	<input type="checkbox"/>	<input type="checkbox"/>
	Structures within structures	Lecture 9, slide: 13	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 13	<input type="checkbox"/>	<input type="checkbox"/>
	Passing structures as arguments to functions	Lecture 9, slide: 14 - 17	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 17 Lab7, Exercise 4	<input type="checkbox"/>	<input type="checkbox"/>
	Dynamic memory allocation	Lecture 9, slide: 18	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 18 Lab7, Listing 2	<input type="checkbox"/>	<input type="checkbox"/>
Structure padding	Lecture 9, slides: 19 - 20	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slides: 19, 20	<input type="checkbox"/>	<input type="checkbox"/>	
Bit fields	Lecture 9, slides: 21 - 23	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slides: 22, 23	<input type="checkbox"/>	<input type="checkbox"/>	
2	Unions:	Lecture 9, slides: 24 - 27					
	Definition	Lecture 9, slides: 24 - 25	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab7, subchapter 7.2.2	<input type="checkbox"/>	<input type="checkbox"/>			
	Size of unions	Lecture 9, slide: 26	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 26	<input type="checkbox"/>	<input type="checkbox"/>
	Accessing union members	Lab7, subchapter 7.2.2	<input type="checkbox"/>	<input type="checkbox"/>	Lab7, Listing 3	<input type="checkbox"/>	<input type="checkbox"/>
3	Enumerations:	Lecture 9, slides: 28 - 30	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 9, slides: 28 - 29	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab7, subchapter 7.2.3	<input type="checkbox"/>	<input type="checkbox"/>			
	Defining enumeration variables	Lecture 9, slides: 29 - 30	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 30	<input type="checkbox"/>	<input type="checkbox"/>
	Lab7, subchapter 7.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab7, Listing 4	<input type="checkbox"/>	<input type="checkbox"/>	
4	Typedef	Lecture 9, slides: 31 - 32	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 9, slide: 32	<input type="checkbox"/>	<input type="checkbox"/>
		Lab7, subchapter 7.2.4	<input type="checkbox"/>	<input type="checkbox"/>			

DAY 10
Topics/Concepts to cover: Files: Definition, High level I/O functions, Low level I/O functions
Support materials: Lecture 10, Lab8

No	Topics/Concepts to cover	Lecture/Lab	Read	Study	Examples / C programs	Analyze	Test
1	Files:	Lecture 10, slides: 3 - 32	<input type="checkbox"/>	<input type="checkbox"/>			
	Definition	Lecture 10, slides: 3 - 6	<input type="checkbox"/>	<input type="checkbox"/>			
	High level I/O functions:	Lecture 10, slides: 7 - 27	<input type="checkbox"/>	<input type="checkbox"/>			
	fopen()	Lecture 10, slide: 10	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab8, subchapter 8.2.1	<input type="checkbox"/>	<input type="checkbox"/>			
	fclose()	Lecture 10, slide: 11	<input type="checkbox"/>	<input type="checkbox"/>			
		Lab8, subchapter 8.2.2	<input type="checkbox"/>	<input type="checkbox"/>			
	fputc(), fputs(), fprintf()	Lecture 10, slides: 12 - 15	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 10, slides: 12, 13, 15	<input type="checkbox"/>	<input type="checkbox"/>
		Lab8, subchapter 8.2.3	<input type="checkbox"/>	<input type="checkbox"/>	Lab8, Listing 1, Exercises 2, 3	<input type="checkbox"/>	<input type="checkbox"/>
	fgetc(), fgets(), fscanf()	Lecture 10, slides: 16 - 19	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 10, slides: 16, 17, 19	<input type="checkbox"/>	<input type="checkbox"/>
		Lab8, subchapter 8.2.4	<input type="checkbox"/>	<input type="checkbox"/>	Lab8, Listing 1, Exercises 2, 3	<input type="checkbox"/>	<input type="checkbox"/>
	fwrite()	Lecture 10, slides: 20 - 21	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 10, slide: 21	<input type="checkbox"/>	<input type="checkbox"/>
		Lab8, subchapter 8.2.6	<input type="checkbox"/>	<input type="checkbox"/>	Lab8, Listing 2, Exercise 4	<input type="checkbox"/>	<input type="checkbox"/>
	fread()	Lecture 10, slides: 22 - 23	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 10, slide: 23	<input type="checkbox"/>	<input type="checkbox"/>
		Lab8, subchapter 8.2.7	<input type="checkbox"/>	<input type="checkbox"/>	Lab8, Listing 2, Exercise 4	<input type="checkbox"/>	<input type="checkbox"/>
	fseek()	Lecture 10, slides: 24 - 26	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 10, slides: 25, 26	<input type="checkbox"/>	<input type="checkbox"/>
		Lab8, subchapter 8.2.5	<input type="checkbox"/>	<input type="checkbox"/>			
Other functions	Lecture 10, slides: 27	<input type="checkbox"/>	<input type="checkbox"/>				
Low level I/O functions	Lecture 10, slides: 28 - 32	<input type="checkbox"/>	<input type="checkbox"/>	Lecture 10, slide: 32	<input type="checkbox"/>	<input type="checkbox"/>	

