

Programming I – Assignment 02

#	Student ID	Student Name	Grade (10)
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Delivery Date	
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1. يتم تسليم التمرين محلولا في خلال أسبوع من تاريخ التمرين، و يتم حذف درجتين من التمرين عن كل أسبوع تأخير
2. يتم التسليم لمعيد المقرر مباشرة
3. تتم أجابه التمرين في نفس ورق الأسئلة

Highlight the box that contains the correct answer

#	a	b	c	d	comment
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#	Question
1	<pre>#include <stdio.h> int main() { int i = -3; int k = i % 2; printf("%d\n", k); }</pre> <p>a) Compile time error b) -1 c) 1 d) Implementation defined</p>
2	<pre>#include <stdio.h> int main() { int i = 3; int l = i / -2; int k = i % -2; printf("%d %d\n", l, k); return 0; }</pre> <p>a) Compile time error b) -1 1 c) 1 -1 d) Implementation defined</p>
3	<pre>#include <stdio.h> int main() { int i = 5; i = i / 3; printf("%d\n", i); return 0; }</pre> <p>a) Implementation defined b) 1 c) 3 d) Compile time error</p>
4	<pre>#include <stdio.h> int main() { int i = -5; i = i / 3; printf("%d\n", i); return 0; }</pre> <p>a) Implementation defined b) -1 c) -3 d) Compile time error</p>

5	<pre>#include <stdio.h> void main() { int x = 5 * 9 / 3 + 9; }</pre> <p>a) 3.75 b) Depends on compiler c) 24 d) 3</p>
6	<pre>#include <stdio.h> void main() { int x = 5.3 % 2; printf("Value of x is %d", x); }</pre> <p>a) Value of x is 2.3 b) Value of x is 1 c) Value of x is 0.3 d) Compile time error</p>
7	<pre>#include <stdio.h> void main() { int y = 3; int x = 5 % 2 * 3 / 2; printf("Value of x is %d", x); }</pre> <p>a) Value of x is 1 b) Value of x is 2 c) Value of x is 3 d) Compile time error</p>
8	<p>The format identifier '%i' is also used for _____ data type?</p> <p>a) char b) int c) float d) double</p>
9	<p>Which data type is most suitable for storing a number 65000 in a 32-bit system?</p> <p>a) signed short b) unsigned short c) long d) int</p>
10	<p>Which of the following is a User-defined data type?</p> <p>a) typedef int Boolean; b) typedef enum {Mon, Tue, Wed, Thu, Fri} Workdays; c) struct {char name[10], int age}; d) all of the mentioned</p>

11	<p>What is the size of an int data type?</p> <p>a) 4 Bytes b) 8 Bytes c) Depends on the system/compiler d) Cannot be determined</p>
12	<pre>#include <stdio.h> int main() { signed char chr; chr = 128; printf("%d\n", chr); return 0; }</pre> <p>a) 128 b) -128 c) Depends on the compiler d) None of the mentioned</p>
13	<p>What is short int in C programming?</p> <p>a) Basic datatype of C b) Qualifier c) short is the qualifier and int is the basic datatype d) All of the mentioned</p>
14	<p>Which is correct with respect to size of the datatypes?</p> <p>a) char > int > float b) int > char > float c) char < int < double d) double > char > int</p>
15	<p>Which of the datatypes have size that is variable?</p> <p>a) int b) struct c) float d) double</p>