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NPTEL

Courses » Programming in Java

Announcements   **Course**   Ask a Question   Progress   FAQ

Unit 2 - Week 0 :

Register for Certification exam

Course outline

How to access the portal

Week 0 :

○ Quiz : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Week 12 :

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Assignment Solution

Assignment 0

The due date for submitting this assignment has passed.   **Due on 2019-02-04, 23:59 IST**
As per our records you have not submitted this assignment.

1)   *1 point*

Which of the following programming language(s) is/are based on object-oriented programming (OOP) paradigm?

    a) C
    b) C++
    c) Java
    d) Python

☐ a)
☐ b)
☐ c)
☐ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)
c)

2)   *1 point*

Which of the following programming language(s) is/are not case sensitive?

    a) C
    b) C++
    c) Java
    d) SQL

○ a)
○ b)
○ c)
○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
d)

3)   *1 point*

Select the correct statement in the following.

    a) Compiler will translate one statement at a time and then execute.
    b) Interpreter will translate one statement at a time and then execute.
    c) Compiler will translate entire program at a time and then execute.
    d) Interpreter will translate entire program at a time and then execute.

☐ a)
☐ b)
☐ c)
☐ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)
c)

4)   Java Programming follows   *1 point*

    a) both compilation and interpretation.
    b) compilation.
    c) interpretation.
    d) none of the above.

○ a)
○ b)
○ c)
○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
a)

5)   *1 point*

Which of the following programming language(s) is/are platform independent 2.92 g/L

    a) C
    b) C++
    c) Java
    d) Pascal

○ a)
○ b)
○ c)
○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
c)

6)   *1 point*

How to define a two dimensional array (*say X*) of integers of size 4×5 in a C program?

```
a) int   X[20];
b) integer X[4×5];
c) int   X[4][5];
d) long X[4][5];
```

- [ ] a)
- [ ] b)
- [ ] c)
- [ ] d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
c)
d)

7) Which of the following is not a keyword in C programming language?   *1 point*

```
a)  auto
b)  float
c)  while
d)  class
```

- ( ) a)
- ( ) b)
- ( ) c)
- ( ) d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
d)

8)   *1 point*
Which of the following is not true so far C programming languages are concerned?

```
a)  Pointer.
b)  Static Scope Rule.
c)  Exception Handling.
d)  File Handling.
```

- ( ) a)
- ( ) b)
- ( ) c)
- ( ) d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
c)

9) Which of the following token is a pre-processing directive in C?   *1 point*

```
a)  <>
b)  #
c)  $
d)  define
```

- ( ) a)
- ( ) b)

○ c)

○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)

10)   **1 point**

Following is a piece of code in C

```
# define mul (a,b) (a * b)
```

What will be the value of *X* for the following statement in `main ()`?

```
A = 2+5;
B = 3+1;
X = mul(a,b);
```
a) 28
b) 18
c) 11
d) 17

○ a)

○ b)

○ c)

○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)

11) Which of the following is/are correct regarding `do-while` statement in C?   **1 point**

a) Exit control.
b) Entry control.
c) May not execute at all.
d) Always will execute at least once.

☐ a)

☐ b)

☐ c)

☐ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)
d)

12) What will happen to the following statement?   **1 point**

```
for (; ;) {}
```
a) Syntax error and will not compile.
b) It will go infinite loping.
c) It will not go for any looping.
d) It will produce run time error.

○ a)

○ b)

○ c)
○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)

13) Given the statement   *1 point*

    x = a/b;

    In C programing language, it may produce
       a) compile time error.
       b) run time error.
       c) no error.
       d) It is not a valid statement in C.

○ a)
○ b)
○ c)
○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)

14) Following is a statement in C   *1 point*

    $x = a > b ? c : d$

    Equivalent C code for this is:
       a) *if* $(a > b)$ c;
          else   d;

       b) *if* $(a > b)$ then   c;
          else   d;

       c) *if* (c) $a > b$;
          else   d;

       d) *if* $(a > b)$ d;
          else   c;

○ a)
○ b)
○ c)
○ d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
a)

15) malloc () and calloc () are two functions defined in   *1 point*

       a) <stdio.h>
       b) <stdlib.h>
       c) <alloc.h>
       d) <string.h>

○ a)
○ b)
○ c)

d)

No, the answer is incorrect.
Score: 0

Accepted Answers:
b)

End