

first mid-term

Java 1

	Code	Output
1	<pre>What is the output for the following code? int x=33; if (7<3) if (5<3) ++x; else --x; System.out.println(x); }</pre>	<p>a. 11 b. 33 c. 32 d. None of the above.</p>

<p>What is the output of the following statement?</p> <pre>System.out.printf("%.4s", "First Program");</pre> <p>I</p>	<p>a. prog b. Firs c. m d. None of the above.</p>
<p><u>Given :</u></p> <pre>System.out.print(max <= 100? "HI ":"Bye");</pre> <p>Assume that : int max= 66;</p> <p>What is the output of the following statement?</p>	<p>a. 66 b. 100 c. Bye d. HI</p>

In the given switch statement, what will be displayed if the value of num is 3 is 's'?

```
Switch(num)
```

```
{  
case 1: System.out.println("Dubi \n"); break;  
case 2: System.out.println("Douha \n"); break;  
case 3: System.out.println("Cairo\n");  
case 4: System.out.println("Riyadh\n");  
case 5: System.out.println("my Love\n"); break;  
default : System.out.println("Congratulations!\n");  
}
```

a. Riyadh
my Love

b. Riyadh

c. Riyadh
my Love
Congratulations!

d. Cairo

5

What will be the output of the following program?

```
class IfExample
```

```
{  
    public static void main(String s[])  
    {  
        if ( 12 > 7 )  
        {  
            System.out.println(" 12 is greater than 7");  
        }  
        else  
            System.out.println(" 7 is greater than 12");  
        } }  
}
```

a. 7 is greater than 12

b. No output

c. 12 is greater than 7

d. Compilation Error

5

Find the error in the following code!

```
Public class Simple {  
public static void main(String[] args)  
{ int x=15;  
int y=4;  
int z = x+y;  
System.out.println(c); }
```

a. unknown identifier

b. missing }

c. ; is missing

d. No error

6	Format specifier is a placeholder for integer data type	a. %i b. %s c. %d d. %f
7	Which of the following is invalid (incorrect) Java <u>identifier</u> ?	a. _num1 b. num_1 c. num1 d. num_1
8	In Java, to display "I Love Java " in one line with space between words <u>you</u> can write:	a. <u>System.out.println("I"+"Love"+"Java");</u> b. <u>System.out.println("I\nLove\nJava");</u> c. <u>System.out.println("I Love Java ");</u> d. <u>System.out.println("I\tLove\tJava");</u>

3	<p>The result of the following expressions : $8 * 2 - 40 / 5 + 6 \% 4$ is:</p>	<p>a. 16 b. 8 c. 28 d. 10</p>
4	<p>To declare constant variable named TOTAL and initialized to 33, write:</p>	<p>a. final TOTAL =33; b. int final TOTAL =33; c. final int TOTAL =33; d. None of the Mentioned</p>
5	<p>Suppose the variable mid1 is 25 and the variable mid2 is 40, the expression $(mid1 == 10) \parallel (mid2 < 55)$ evaluates to :</p>	<p>a. true b. false c. 40 d. 25</p>

1 The escape sequence that used to make space is:

- a. \n
- b. \t
- c. \b
- d. None of the mentioned

2 To define (declare) two variables x1, x2 from type integer, we should write:

- a. int x1;x2;
- b. integer x1,x2;
- c. int x1,x2;
- d. int x1, int x2;

5. Find the error in the following code!

```
Public class Simple {  
    public static void main(String[] args)  
    {  
        int a=10;  
        int b=10;  
        int c = a+b  
        System.out.println(c); } }
```

a. missing public keyword

b. missing }

c. ; is missing

d. No error

5.

What will be the output of the following program?

```
class IfExample
```

```
{
```

```
    public static void main(String s[])
```

```
    {
```

```
        if ( 1 > 2 )
```

```
        {
```

```
            System.out.println(" 1 is greater than 2");
```

```
        }
```

```
    else
```

```
        System.out.println(" 2 is greater than 1");
```

```
    } }
```

a. 1 is greater than 2

b. No output

c. 2 is greater than 1

d. Compilation Error

4.

In the given switch statement, what will be displayed if the value of var is 5?

Switch(var)

```
{  
  case 1: System.out.println("Hello\n"); break;  
  case 2: System.out.println("World!\n"); break;  
  case 3: System.out.println("Happy\n");  
  case 4: System.out.println("Programming\n");  
  case 5: System.out.println("Thanks!\n");  
  default :  
  System.out.println("Congratulations!\n");  
}
```

a. Happy
Congratulations!

b. Thanks!

c. Congratulations!

d. Thanks!

Congratulations!

3. Given :

System.out.print(St_G >=60? Good ":"Bad");

Assume that : int St_G= 44;

- a. 44
- b. bad
- c. Good
- d. Bad

Code	Output
<p>1. What is the output for the following code?</p> <pre>int a=11; if (4 > 8) if (1 < 0) ++ a; else -- a; System.out.println(a);</pre>	<p>a. 11</p> <p>b. 12</p> <p>c. 13</p> <p>d. None of the above.</p>
<p>2. What is the output of the following statement?</p> <pre>System.out.printf("%.4s", "First Program");</pre>	<p>a. prog</p> <p>b. Firs</p> <p>c. m</p> <p>d. None of the above.</p>

8

To define two variables num1, num2 from type integer, we Write:

- a. `int num1, num2;`
- b. `integer num1, num2;`
- c. `int num1; num2;`
- d. None of the mentioned

5	The command that responsible to displays formatted data is:	<ul style="list-style-type: none">a. <code>System.out.print (" ");</code>b. <code>System.out.printf (" ");</code>c. <code>System.out.println(" ");</code>d. None of mentioned
6	Suppose the variable mid1 is 12 and the variable mid2 is 14, the expression <code>(mid1 == 10) && (mid2 < 15)</code> evaluates to :	<ul style="list-style-type: none">a. falseb. truec. 12d. None of mentioned
7	Format specifier <code>%s</code> is a placeholder for data type.	<ul style="list-style-type: none">a. intb. <u>boolean</u>c. doubled. string

3	In Java, to display “Saudi National Day” where each word in a separate line you can write:	a. <code>System.out.println("Saudi"+"National"+"Day");</code> b. <code>System.out.println("Saudi\nNational\nDay");</code> c. <code>System.out.println("Saudi\tNational\tDay");</code> d. <code>System.out.println("Saudi National Day");</code>
4	The result of the following expressions : $10*5-30/5+8\%2$ is:	a. 50 b. 14 c. 44 d. None of mentioned

1 To declare constant variable named SIZE and initialized to 22.5, write:

- a. final size =22.5;
- b. double final SIZE =22.5;
- c. final double SIZE =22.5;
- d. None of the mentioned

2 Which of the following is a valid (correct) Java identifier ?

- a. X3
- b. 3X
- c. 3 X
- d. &X