

1	<p>Jennie is a software developer in an MNC. In one of her projects, she wrote a program as:</p> <pre> class TestQuestion { public static void main(String s[]) { Boolean a = new Boolean("false"); if(a) { System.out.println("false"); } else { System.out.println("true"); } } } </pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. The program will display the output as: false B. The program will generate compilation error. C. The program will display the output as: True D. The program will throw a runtime exception.</p> <p style="text-align: right; font-size: 2em;">Answer:- D</p>
2	<p>Jyoti is a software developer in an MNC. In one of her projects she wrote a program as:</p> <pre> public class TestQuestion{ public static void main(String[] args) { String str = "PQR"; int len = str.length(); switch (len) { case 1: System.out.println("January"); break; case 2: System.out.println("February"); break; case 3: System.out.println("March"); break; default: System.out.println("Invalid month.");break; } } } </pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. The program will display the output as: March B. The program will generate compilation error. C. The program will display the output as: January D. The program will throw a runtime exception.</p> <p style="text-align: right; font-size: 2em;">Answer:- A</p>

3	<p>Kandy works as a Programmer for StrongNet Inc. She writes the following program:</p> <pre> class Test19 { public int tester(String str) { if(str == null str.length() == 0) { System.out.println("empty"); return 0; } Else { System.out.println("not empty"); return 1; } } public static void main(String ar[]) { Test19 ob = new Test19(); ob.tester("hi"); ob.tester(""); } } </pre> <p>What will happen when she tries to compile and execute the preceding program?</p> <p>A. It will produce the output as: not empty empty not empty</p> <p>B. It will produce the output as: not empty</p> <p>C. It will give compilation error.</p> <p>D. It will throw a runtime exception.</p> <p style="text-align: right; font-size: 2em;">Answer:- D</p>
4	<p>Neha works as a programmer in the ABC Company and she has written the following program:</p> <pre> public class Foo { public static void main(String s[]) { Integer i = new Integer(1) + new Integer(2); switch(i) { case 3: System.out.println("three"); break; default: System.out.println("other"); break; } } } </pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. two B. three C. other D. program will not compile successfully.</p> <p style="text-align: right; font-size: 2em;">Answer:- A</p>

5	<p>Imagine you work as a programmer in the ABC Company and you have written the following program:</p> <pre> public class Foo { public static void main(String s[]) { String str = "null"; if (str = null) { System.out.println("null"); } else (str.length() == 0) { System.out.println("zero"); } else { System.out.println("some"); } } } </pre> <p>What will be the output when the preceding program is compiled and executed? A. zero B. sum C. other D. Program will not compile successfully.</p> <p style="text-align: right; font-size: 2em;">Answer:- C</p>
6	<p>Hardy works as a Programmer for Blue Net Inc. He writes the following program:</p> <pre> public class Test { private String col; public String getcolor() { return col; } public void setcolor(String d) { col = d; } public static void changecol(Test Col11,String col) { Col11 = new Test(); Col11.setcolor(col); } public static void main(String[] args) { Test i = new Test(); i. setcolor("Red"); Test it2 = new Test(); it2.setcolor("green"); changecol(it2,"white"); i.setcolor("pink"); changecol(it2,"Orange"); System.out.println(i.getcolor()); System.out.println(it2.getcolor()); } } </pre> <p>What will be the output when he tries to compile and execute the preceding program? A. It will display the output as: Orange green B. It will display the output as: Red pink C. It will display the output as: green Orange D. It will display the output as: white Red</p> <p style="text-align: right; font-size: 2em;">Answer:- C</p>

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Nancy works as a Programmer for White Inc. She writes the following program:

```
class A {  
    private int val;  
    public void setVal( int val) { this.val = val; } public int getVal() { return val; }  
  
}  
class B { private A price;  
    public void setPrice( A price) { this.price= price; } public A getPrice() { return price; }  
}  
public class Test {  
    public static void main( String[] args) { B o = new B();  
        A i = new A(); int n=1;  
        i. setVal(n); o.setPrice(i); o.getPrice().setVal( 104);  
        i = new A(); i.setVal(105); o.setPrice(i);  
        System.out.println( o.getPrice().getVal());  
    }  
}
```

What will happen when she tries to compile and execute the preceding program?

- A. It will produce the output as: 105 B. It will produce the output as: 104
C. It will give compilation error. D. It will throw a runtime exception.

Answer:- B

8	<p>Jude works as a Programmer for TimeNet Inc. She writes the following program:</p> <pre> class First { private int val; public First(int val) { this.val=val; } public void setVal(int val) { this.val = val; } public int getVal() { return val; } } public class C15 { static First fun(First f){ f=new First(100); return f; } public static void main(String[] args) { First f = new First(345); System.out.print(f.getVal()+" "); First f1=fun(f); System.out.print(f1.getVal()+" "); f=fun(f1); System.out.print(f1.getVal()+" "); } } </pre> <p>What will happen when she tries to compile and execute the preceding program?</p> <p>A. It will produce the output as: 345 100 100 B. It will produce the output as: 345 345 100 C. It will produce the output as: 100 100 100 D. It will generate a compilation error.</p> <p style="text-align: center; font-size: 2em; font-weight: bold;">Answer:C</p>
9	<p>Ria works as a Programmer for TimeNet Inc. She writes the following program:</p> <pre> public class Test { static public void main(String rat[]) { for(int z=2 ; z<rat.length;z++) { System.out.print(rat[z] + " "); } } } </pre> <p>What will happen if she tries to execute the preceding program by writing the following command line argument?</p> <p>java Test 456</p> <p>A. It will display the output as: 6 B. It will display the output as:456 C. It will throw a runtime exception. D. It will compile and execute but does not display anything as output.</p> <p style="text-align: center; font-size: 2em; font-weight: bold;">Answer:B</p>

10	<p>Sarah works as a Programmer for Globus Inc. She writes the following program:</p> <pre>public class Ten { static public void main(String rock[]) { for(int q=rock.length;q>0;q--) { System.out.print(rock[q] + " "); } } }</pre> <p>What will be the output if she tries to execute the preceding program by writing the following command line argument?</p> <p>java Ten 123</p> <p>A. It will throw a runtime exception-ArrayIndexOutOfBoundsException. B. It will display the output as: 3 2 1 C. It will display the output as: 3 2 D. It will compile and execute successfully, but does not display anything as an output.</p> <p style="text-align: center;">Answer: B</p>
11	<p>Peter works as a programmer in the ABC Company and has written the following program:</p> <pre>public class MyClass { public static void main(String s[]) { int x 0; int y = 10; do { y--; ++x; } while (x < 5); System.out.print(x + "," + y); } }</pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. zero B. sum C. other D. Program will not compile successfully.</p> <p style="text-align: center;">Answer:-C</p>
12	<p>Imagine you work as a programmer in the ABC Company and you have written the following program:</p> <pre>class Next { public static void main(String s[]) { int x=12; while (x < 10) { x--; } System.out.print(x); }}</pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. 11 B. 12 C. 23 D. Program will not compile successfully.</p> <p style="text-align: center;">Answer:B</p>

13	<p>Imagine you work as a programmer in the ABC Company and you have written the following program:</p> <pre>class Test { public static void main(String s[]) { int x = 10; do { System.out.println(x--); } while(x>10); } }</pre> <p>How many times will the value of x be printed after compilation and execution of the preceding program?</p> <p>A. more than 10 B. 1 C. 2 D. Program will not compile successfully.</p> <p style="text-align: right; font-size: 2em;">Answer:B</p>
14	<p>Imagine you work as a programmer in the ABC Company and you have written the following program:</p> <pre>class Test { public static void main(String[] args) { for (int i = 0; i <=10; i++){ if(i > 6) break; } System.out.println(i); } }</pre> <p>What will be the output after compilation and execution of the preceding program?</p> <p>A. 1 2 3 B. 1 2 3 4 C. 4 4 D. Program will not compile successfully.</p> <p style="text-align: right; font-size: 2em;">Answer:C</p>
15	<p>Hari is a software developer in an MNC. In one of his projects, he wrote a program as:</p> <pre>class TestQuestion { public static void main(String s[]) { int num1 = 0102; int num2 = -10; int operation = num1 % num2; System.out.println(+operation); } }</pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. The program will display the output as: 6 B. The program will generate compilation error. C. The program will display the output as: -6 D. The program will throw a runtime exception</p> <p style="text-align: right; font-size: 2em;">Answer: A</p>

16	<p>Uma is a student of computer science and has written a program as:</p> <pre> public class TestQuestion { public static void main(String s[]) { boolean a; boolean p = false; boolean q = false; if(a = p == q) { System.out.println("equal"); } else System.out.println("not-equal"); } } </pre> <p>What will be the output when the preceding code is compiled and executed?</p> <p>A. The program will display the output as: equal B. The program will generate compilation error. C. The program will display the output as: not-equal D. The program will throw a runtime exception.</p> <p style="text-align: right; font-size: 2em;">Answer:D</p>
17	<p>Jennie is a software developer in an MNC. In one of her projects, she wrote a program as:</p> <pre> class TestQuestion { public static boolean funcA(int a) { boolean b = (a==10)?true:false; System.out.println(b); return b; } public static void main(String args[]) { if(funcA(10) && funcA(5)) System.out.println("pass"); } } </pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. The program will display the output as: true false B. The program will generate compilation error. C. The program will display the output as: pass D. The program will throw a runtime exception.</p> <p style="text-align: right; font-size: 2em;">Answer:C</p>

18	<p>In a popular workbook for programmers, a program was found written as:</p> <pre>class TestQuestion { public static void main(String s[]) { Integer i1 = new Integer(10); Integer i2 = new Integer(10); System.out.println(i1==i2); System.out.println(i1.hashCode() == i2.hashCode()); } }</pre> <p>What will be the output when the preceding program is compiled and executed?</p> <p>A. The program will display the output as: true true B. The program will generate compilation error. C. The program will display the output as: true false D. The program will display the output as: false false</p> <p style="text-align: right; font-size: 2em;">Answer : C</p>
19	<p>Jennie is a software developer in an MNC. In one of her projects, she wrote a program as:</p> <pre>class TestQuestion { public static void main(String s[]) { Integer i = new Integer(9); Integer j = new Integer(13); Integer k = i + j; // error prior to JDK 1.5 System.out.println (k); } }</pre> <p>Which of the following reason is behind the successful execution of the preceding program?</p> <p>A. Overloading B. Overriding C. Autoboxing D. Casting</p> <p style="text-align: center; font-size: 2em;">Answer:A</p>