

Output Questions

1.	<pre> public class Test { public static void main(String[] args) { System.out.println(System.out.println("hi")); } } </pre>
2.	<pre> public class Test { public static void main(String[] args) { int a, b, c; a=-3+2*7-4; b=a*8+4%5-6; c=a+b*3-2%5-4; System.out.println(a+" "+b+" "+c); } } </pre>
3.	<pre> public class Test { public static void main(String[] args) { int a=2,b=5,c; a=a*a++ - --a; c=b++ - b--; System.out.println("a="+a+",b="+b+",c="+c); System.out.println(a++ + ++a * a--); System.out.println(b=b++ * b--); System.out.println("a="+a+",b="+b+",c="+c); } } </pre>
4.	<pre> public class Test { public static void main(String[] args) { System.out.print(011+ 1.94 + "C" + "S"); } } </pre>
5.	<pre> public class Test { public static void main(String[] args) { System.out.println(2+3+"bc"+'c'+'a'); System.out.println('c'+'a'+2+3+"bc"); System.out.println("bc"+'c'+'a'+2+3); System.out.println("bc"+('c'+'a')+(2)+3); } } </pre>
6.	<pre> public class Test { public static void main(String[] args) { int x = - 4; System.out.println(x>>1); int y = 4; System.out.println(y>>1); } } </pre>
7.	<pre> public class Test { public static void main(String[] args) { </pre>

	<pre> System.out.println(10 + 15 + "Hello"); System.out.println("Hello" + 10 + 15); } } </pre>
8.	<pre> public class Test { public static void main(String[] args) { byte b = 10; b = b + 10; System.out.println(b); } } </pre>
9.	<pre> public class Test { public static void main(String[] args) { int i = 4; int j = 21; int k = ++i * 7 + 2 - j--; System.out.println("k = " + k); } } </pre>
10.	<pre> public class Test { public static void main(String[] args) { int a = 2; int b = 3; int result = a && b; System.out.println(result); } } </pre>
11.	<pre> public class Test { public static void main(String[] args) { int x=-5; System.out.println(~x); } } </pre>
12.	<pre> public class Test { public static void main(String[] args) { int x=Integer.MAX_VALUE; System.out.println(x>>28); } } </pre>
13.	<pre> public class Test { public static void main(String[] args) { int x=10,y=5; System.out.println(x++^++y (x=y)&101); } } </pre>
14.	<pre> public class Test { public static void main(String[] args) { int x=-4,y=4; </pre>

	<pre> System.out.println((x>>>30)+" "+(x>>30)+" "+ (y>>1)); } } </pre>
15.	<pre> public class Test { public static void main(String[] args) { int x=5; int y=x++ + ++x + ++x; int z=- -y + x++ + y++; int p=z++ - (z%10) + (p=z); System.out.println(x+" "+y+" "+z+" "+p); } } </pre>
16.	<pre> public class OperatorEx1 { public static void main(String args[]){ int x=10; System.out.println(x++); System.out.println(++x); System.out.println(x--); System.out.println(--x); } } </pre>
17.	<pre> public class OperatorEx2 { public static void main(String args[]){ int a=10; int b=10; System.out.println(a++ + ++a);//10+12=22 System.out.println(b++ + b++);//10+11=21 } } </pre>
18.	<pre> public class OperatorEx3 { public static void main(String args[]){ System.out.println(10<<2); System.out.println(10<<3); System.out.println(20<<2); System.out.println(15<<4); } } </pre>
19.	<pre> public class OperatorEx4 { public static void main(String args[]){ System.out.println(10>>2); System.out.println(20>>2); System.out.println(20>>3); } } </pre>
20.	<pre> public class OperatorEx5{ public static void main(String args[]){ int a=10; int b=5; int c=20; </pre>

	<pre> System.out.println(a < b && a < c); System.out.println(a < b & a < c); } } </pre>
21.	<pre> public class OperatorEx6{ public static void main(String args[]){ int a=10; int b=5; int c=20; System.out.println(a < b&&a++ < c); System.out.println(a); System.out.println(a < b&a++ < c); System.out.println(a); } } </pre>
22.	<pre> public class OperatorEx7{ public static void main(String args[]){ int a=10; int b=6; int c=30; System.out.println(a > b a < c); System.out.println(a > b a < c); System.out.println(a > b a++ < c); System.out.println(a); System.out.println(a > b a ++ < c); System.out.println(a); } } </pre>
23.	<pre> public class Test{ public static void main(String args[]){ int a=4; int b=5; int x=(a++ < b)?a:b;//5 : 5 int y=a+b-x; System.out.println("x="+x); System.out.println("y="+y); } } </pre>
24.	<pre> public class OperatorEx9{ public static void main(String[] args){ int a=10; a+=3; System.out.println(a); a-=4; System.out.println(a); a*=2; System.out.println(a); a/=2; System.out.println(a); } } </pre>

25.	<pre> public class IntegerConversion{ public static void main(String args[]){ long l = 55; int i = 44; short s = 33; byte b = 22; i = (int) l; s = (short) i; b = (byte) s; System.out.println("l = " + l); System.out.println("i = " + i); System.out.println("s = " + s); System.out.println("b = " + b); } } </pre>
26.	<pre> public class Conversion2 { public static void main(String args[]) { int i = 132; short s = 15; byte b = (byte) i; int x = b + s; System.out.println("Value of x is " + x); } } </pre>
27.	<pre> public class IntegerGroupAddition{ public static void main(String args[]){ long l = 30; int i = 50; short s = 60; byte b = 70; byte sum = (byte)(l + i + s + b); System.out.println("Sum = " + sum); } } </pre>
28.	<pre> Public class demo1{ public static void main(String args[]){ byte y=5,z=-y; System.out.println(~y); System.out.println(~z); y&= ~y; System.out.println(y); byte x = -1; System.out.println(x>>>6); byte a=-5,b=-6; System.out.println(a b); } } </pre>
29.	<pre> Public class demo2{ public static void main(String args[]) { System.out.println(2!=3 && (7>8 6>5)); System.out.println(!(2!=3) && (7>8 6>5)); } } </pre>

	<pre> System.out.println(3==3 && z>=10)); System.out.println(2!=3 && (7>8 6>5)); } } </pre>
30.	<pre> Public class demo3{ public static void main(String args[]) { int v=10; System.out.println(v%=3*4);int x=11; System.out.println(-x- -); System.out.println(x); x = -x- -; System.out.println(x); int y = -x- -; System.out.println(x+""+y); } } </pre>
31.	<pre> Public class demo4{ public static void main(String args[]) { int x=-11; System.out.println(x%2); System.out.println(x/2); } } </pre>
32.	<p>FIND Errors</p> <pre> Public class demo5{ public static voidmain(String args[]) { int 1stnum=10, nu-m2=20, 3rd num=40; System.out.println("/"hello/""); byte b=128; float c=2.1; charc='a'; char cc=20; System.out.println(cc); } } </pre>
33.	<pre> public class Test { public static void main(String[] args) { int a = 10; System.out.println(a++++); } } </pre>
34.	<pre> public class Test { public static void main(String[] args) { int a=2; int b=4; System.out.println("value of a XOR B:"+(a^b)); } } </pre>

35.	<pre> public class Test { public static void main(String[] args) { int a = 10; if(++a==11 ++a==12) ++a; System.out.println(a); } } </pre>
36.	<pre> public class Test { public static void main(String s[]) { int a, b, result; a=10; b=20; result=(b>=a); System.out.println(result); } } </pre>
37.	<pre> public class Test { public static void main (String[] args) { int x=20; String sup = (x < 15) ? "small" : (x < 22)? "tiny" : "huge"; System.out.println(sup); } } </pre>
38.	<pre> public class Alpha { public static void main(String args[]) { int a=12+21*3-9/2; int b=14-32*4+175/8-3; boolean p=(++a>71&&--b<20); System.out.println(p); boolean p1=(b-- == -99 a-- > 100); System.out.println(p1); } } </pre>

39.	<pre> public class Alpha { public static void main(String[] args) { char a = 'A'; System.out.println(++a +" "+ (int)a++); } } </pre>
40.	<pre> public class Alpha { public static void main(String[] args) { float x=5.3f; boolean p=(x==5.3); System.out.println(p); } } </pre>
41.	<pre> public class Alpha { public static void main(String[] args) { int temp = 9; int data = 8; System.out.println(temp & data); System.out.println(temp data); System.out.println(temp ^ data); } } </pre>
42.	<pre> public class Alpha { public static void main(String[] args) { double d1 = 123.456; double d2 = 12_3.4_5_6; double d3 = 12_3.4_56; System.out.println(d1); System.out.println(d2); System.out.println(d3); } } </pre>
43.	<pre> public class Test1 { public static void main(String[] args) { int x = 7; int y = 4; x+=4/3+x--+y+++x+++y--; System.out.print("x =" +x); System.out.print("y =" +y); } } </pre>

	}
44.	<pre> public class Test2 { public static void main(String[] args) { int a, b = 10; a = -b --; System.out.println("a =" + a); System.out.println("b =" + b); } } </pre>
45.	<p>Which of the following are the legal identifiers:</p> <p>(a) int a;</p> <p>(b) int :b;</p> <p>(c) int ____2_w;</p> <p>(d) int e#;</p> <p>(e) int this_is_a_very_detailed_name_for_an_identifier;</p> <p>(f) int \$c;</p> <p>(g) int -d;</p> <p>(h) int -\$;</p> <p>(i) int .f ;</p> <p>(j) int 7g;</p>
46.	<pre> public class Test3 { public static void main(String[] args) { int i = 1; byte b = i; System.out.print("b =" + b); } } </pre>
47.	<pre> public class Test4 { public static void main(String[] args) { int a = 4, b=2; a*=a/b; System.out.print("a =" + a); System.out.print("b =" + b); } } </pre>
48.	<pre> public class Alpha { public static void main(String[] args) { int x = 5 ; } } </pre>

	<pre> x = x << 3 + 2 ; System.out.println(" x = " + x); } }</pre>
49.	<pre> public class Alpha { public static void main(String[] args) { int x = 5 ; boolean r = x <2 && ++x > 4; System.out.println(" r = " + r + " x = " + x); } }</pre>
50.	<p>In which format -ve numbers are represented in computer memory ?</p> <p>a) 1's Complement format b) 2' Complement format c) Original binary equivalent of the number d) none of the above</p>
51.	<pre> public class increment { public static void main(String args[]) { double var1 = 1+5; double var2 = var1/4; int var3 = 1+5; int var4 = var3/4; System.out.print(var2 + " "+ var4); } }</pre>
52.	<pre> public class p1 { public static void main(String[] args) { int a=10, b=9; boolean k; k=(a<b) && (++b==a); System.out.println(b); } }</pre>

53.	<pre> public class p2 { public static void main(String[] args) { final int a = 10; int b = ++a; System.out.println(b); } } </pre>
54.	<pre> public class p3 { public static void main(String[] args) { System.out.println((10 5)+"-"+ (10 6)); } } </pre>
55.	<pre> public class p4 { public static void main(String[] args) { String s1 = "ITER"; String s2 = "ITER"; System.out.println("s1 == s2 is:" + s1 == s2); } } </pre>
56.	<pre> public class p5 { public static void main(String[] args) { int x = -1; System.out.println(x>>>29); System.out.println(x>>>30); System.out.println(x>>>31); } } </pre>
57.	<pre> public class p6 { public static void main(String[] args) { </pre>

	<pre> byte x=127; // Line 5 x= x << 3; // Line 6 System.out.println(x); } }</pre>
58.	<pre> public class p7 { public static void main(String[] args) { int x=127, y=128; x= (x & 3) y; System.out.println(x); } }</pre>
59.	<pre> public class p8 { public static void main(String[] args) { int x= 9, y=0; System.out.println(++x==10 && (++y)==1); } }</pre>
60.	<pre> public class p9 { public static void main(String[] args) { int x=127; // Line 5 x+= (x << 3); // Line 6 System.out.println(x); } }</pre>
61.	<pre> public class p10 { public static void main(String[] args) { int x=12, y=7, z=9; // Line 5 z= (x<y)? (x > z ? z: x) : (y < z ? z: y); System.out.println(z); } }</pre>
62.	<pre> public class p11 { public static void main(String[] args) { int ++a=100;</pre>

	<pre> System.out.println(a++); } } </pre>
63.	<pre> public class p12 { public static void main(String[] args) { int x = 100; double y = 100.1; boolean b = (x=y); //Line 7 System.out.println(b); } } </pre>
64.	<p>With x = 0, which of the following are legal lines of Java code for changing the value of x to 1?</p> <ol style="list-style-type: none"> 1. x++; 2. x=x+1; 3. x+=1; 4. x=+1;
65.	<pre> public class p14 { public static void main(String[] args) { int x; System.out.println(x); } } </pre>
66.	<pre> public class p15 { public static void main(String[] args) { double a, b, c; a = 3.0/0; b = 0/4.0; c=0/0.0; System.out.println(a); System.out.println(b); System.out.println(c); } } </pre>
67.	<pre> public class p16 { </pre>

	<pre> public static void main(String[] args) { // the line below this gives an output // \u000d System.out.println("comment executed"); } </pre>
68.	<pre> public class p17 { public static void main(String[] args) { int \$_ = 5; System.out.println(\$_); } } </pre>
69.	<pre> public class p18 { public static void main(String[] args) { String s1 = "abc"; String s2 = s1; s1 += "d"; System.out.println(s1+" "+s2+" "+(s1 == s2)); } } </pre>
70.	<pre> public class p19 { public static void main(String[] args) { int a = 5; System.out.println(a>33); } } </pre>
71.	<pre> public class p20 { public static void main(String[] args) { int x = 07; int y = 08; System.out.println("" + x + y); } } </pre>

