Operators Output Questions

Q1.

public class IncrementDecrementQuiz

{

public static void main(String[] args)

{

int i = 11;

i = i++ + ++i; // 11+13=24

System.out.println(i);

}

}

i=24

Q2.

public class IncrementDecrementQuiz

{

public static void main(String[] args)

{

int a=11, b=22, c;

|  |  |
| --- | --- |
| a=11 | B=22 |
| 12 | 23 |
| 13 | 24 |
|  |  |

c = a + b + a++ + b++ + ++a + ++b;

11+22+11+22 + 13+ 24 =103

System.out.println("a="+a);//a=13

System.out.println("b="+b);//b=24

System.out.println("c="+c);//103

}

}

Q3.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int i=0;

|  |
| --- |
| i=0 |
| 1 |
| 0 |
| 1->0 |

        i = i++ - --i + ++i - i--;

0 - 0 + 1 - 1=0

        System.out.println(i);//i=0

    }

}

Q4.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int i=1, j=2, k=3;

|  |  |  |
| --- | --- | --- |
| i=1 | J=2 | K=3 |
| 0 | 1 | 2 |
|  |  |  |
|  |  |  |
|  |  |  |

        int m = i-- - j-- - k--;

1 - 2 - 3=-4

        System.out.println("i="+i);//0

        System.out.println("j="+j);//1

        System.out.println("k="+k);//2

        System.out.println("m="+m);//-4

    }

}

Q5.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int a=1, b=2;

|  |  |
| --- | --- |
| a=1 | b=2 |
| 2 | 1 |
| 1 | 2 |

        System.out.println(--b - ++a + ++b - --a);

    } 1 - 2 + 2 - 1=0

}

//=0

Q6.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int i=19, j=29, k;

|  |  |
| --- | --- |
| i=19 | j=29 |
| 18 | 28 |
| 19 | 29 |
| 18 | 28 |
| 19 | 29 |
|  |  |

        k = i-- - i++ + --j - ++j + --i - j-- + ++i - j++;

19 - 18 + 28 - 20 + 18 - 29 + 19 - 28 =-11

        System.out.println("i="+i);//19

        System.out.println("j="+j);//29

        System.out.println("k="+k);//Compile time error

    }

}

Q7.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int m = 0, n = 0;

        int p = --m \* --n \* n-- \* m--;

        System.out.println(p);

    }

//p=0

Q8.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int a=1;

        a = a++ + ++a \* --a - a--;

        System.out.println(a);

    }

}

//a=5

Q9.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int m=1010, n=1010;

        System.out.println(m++ / ++n \* n-- / --m);

    }

}

//1

Q10.

public class IncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int x = 001, y=010, z=100;

        int i = --x + y++ - z-- - --z + ++y - --x + y-- - --x;

        System.out.println("x="+x);

        System.out.println("y="+y);

        System.out.println("z="+z);

        System.out.println("i="+i);

    }

}

Q11.

public class JavaIncrementDecrementQuiz

{

    public static void main(String[] args)

    {

        int i = 0, j = 0;

        System.out.println(--i \* i++ \* ++j \* j++);

    }

}

Q12.

**class Operators1  
{  
    public static void main(String[] args)  
    {  
        int a = 34;  
        int b = 21;  
        int c = a++ + ++b;  
        int d = --a + --b + c--;  
        int e = a + +b + +c + d--;  
        int f = -a + b-- + -c - d++;  
        int sum = a + b + c + d + e + f;  
        System.out.println("sum = " + sum);  
    }  
}**

Q13.

**class MyClass  
{  
    public static void main(String s[])  
    {  
        int i = 4;  
        int j = 21;  
  
        int k = ++i \* 7 + 2 - j--;  
  
        System.out.println("k = " + k);  
    }  
}**

Q14.

**What will be the output of the following program?**

**class IncDec  
{  
    public static void main(String s[])  
    {  
          
        int a = 1;  
        int b = 2;  
        int c;  
        int d;  
  
        c = ++b;  
        d = a++;  
  
        c++;  
  
        System.out.println("a = " + a);  
        System.out.print("b = " + b);  
        System.out.println("c = " + c);  
        System.out.print("d = " + d);  
    }  
}**

Q15.

**public class DemoOnOperators  
{  
    public static void main(String[] args)  
    {  
        int input = 7;  
        int output = ++input + ++input + ++input;  
        System.out.println(output);  
    }  
}**

Q16.

**What will be the output of the following program?**

**public class DemoOnOperators  
{  
    public static void main(String[] args)  
    {  
        int i, j, k, l = 0;  
        k = l++;  
        j = ++k;  
        i = j++;  
        System.out.println(i);  
    }  
}**

Q17.

**What will be the output of the following program?**

**public class Hikes {  
  
    public static void main(String[] args) {  
        int dailywage = 4;  
        int number\_of\_days = 5;  
        int salary = number\_of\_days++ \* --dailywage \* dailywage++ \* number\_of\_days--;  
        salary =- dailywage;  
        System.out.println(dailywage + " " + number\_of\_days + " " + salary);  
    }  
}**

Q18.

**class MyClass  
{  
    public static void main(String s[])  
    {  
        int i = 34.0;  
        int j = 7;  
  
        int k = i % j;  
  
        System.out.println("k = " + k );  
  
    }  
}**

Q19.

**What will be the output of the following program?**

**class Modulus  
{  
    public static void main(String s[])  
    {  
        int x = 42;  
        double y = 42.25;  
  
        System.out.println("x mod 10 = " + x % 10 );  
        System.out.println("y mod 10 = " + y % 10 );  
    }  
}**

Q20.

**What will be the output of the following program?**

**public class Rules {  
    public static void main(String[] args) {  
    System.out.println(10 \* 5 + 100 \* (25 \* 11) / (25 \* 10) \* 10 - 5 + 7 % 2);  
    int zx = (10 \* 5 + 100 \* (25 \* 11));  
    int yz = ((25 \* 10) \* 10 - 5 + 7 % 2);  
    System.out.println(zx / yz);  
    }  
}**

Q21.

**What will be the output of the following program.**

**class MyClass  
{  
    public static void main(String s[])  
    {  
        int a = 34;  
        double d = 20.5;  
  
        d+=a;  
        a+=d;  
        d-=a;  
        a-=d;  
  
        System.out.println(" d = " + ++d );  
        System.out.println(" a = " + a-- );  
          
    }  
}**

Q22.

**What will be the output of the following program?**

**class Addition  
{  
    public static void main(String s[])  
    {  
        int a = 4;  
        a++;  
        a += a;  
        --a;  
        a = 7 + a;  
        a \*= a;  
        a -= 3;  
  
        System.out.println(" a = " + a );  
    }  
}**

Q23.

**What will be the output of the following program.**

**class Addition  
{  
    public static void main(String s[])  
    {  
        int a = 4;  
        a -= 10;  
        a = -a;  
        a = 7 + a;  
        System.out.println(" a = " + a );  
        a %= a;  
        a = a \* a - 3 ;  
        System.out.println(" a = " + a );  
    }  
}**