

```

Q>
class Test{
    public static void main(String[] args){
        int x= 0;
        do{
            ++x;
            System.out.print(x);//1 4 8
            if(++x<5)
                continue;
            ++x;
            System.out.print(x);//6 10
        }while(++x<10);
    }
}
JVM
x = 0,1,2,3,4,5,6,7,8,9,10,11
Output: 146810

```

```

Q>
class Test{
    public static void main(String[] args){
        for(int i =0;i++<5;i++){
            System.out.println("hello");//3 times printed
            i=i++;
        }
    }
}

```

How many times hello will be printed?

- A. 4
- B. 3
- C. 5
- D. 2

Answer: B

```

JVM
i =0,0<5(true) , i =1,2
i = 2,2<5(true), i =3,4
i = 4,4<5(true), i =5,6
i = 6,6<5(false), i =7

```

```

Q>
public class Test {
    public static void main(String[] args) {
        int i = 5;
        System.out.print(i+++ ""); //5
        System.out.print(i+ ""); //6
        System.out.print(++i+ ""); //7
        System.out.print(++i+i+++ ""); //8 + 8 = 16
    }
}

```

Predict the Output?

- A. 56716
- B. 66616
- C. 57817
- D. 67817

JVM

i = 5,6,7,8,9

Answer : A

Q>

```
public class Test {
    public static void main(String[] args) {

        int[] a = {0,2,4,1,3};
        for (int i=0;i<a.length ;i++ )
            a[i] = a[(a[i]+3)/a.length];
        System.out.println(a[1]);
    }
}
```

Predict the Output?

- A. CompileTime Error
- B. Some problem occurred by jvm during execution
- C. 0
- D. 1
- E. 3
- F. None of the above

Answer: F(a[1] =2)

Q>

```
public class Test {
    public static void main(String[] args) {
        int i =0,j=5;
        for (;(i<3) && (j++<10); ){
            System.out.print(i + " " + j);
            i++;
        }
        System.out.print(i + " " + j);
    }
}
```

Predict the Output?

- A. CompileTime Error
- B. Some problem occurred by jvm during execution
- C. 06172838
- D. 06172839
- E. None of the above

JVM

```
i = 0, j =6 , 0<3(true) && 5<10(true)
0 6
i =1, j= 7, 1<3(true) && 6<10(true)
1 7
i =2, j =8 , 2<3(true) && 7<10(true)
2 8
i = 3, j =8 3<3(false)
3 8
```

Answer: C

Q>

```
public class Test {
    public static void main(String[] args) {
```

```

        for (int i=0;i<10 ;i+=2 ){// i = i + 2
            System.out.print(i);
        }
    }
}

```

Predict the Output?

- A. CompileTime Error
- B. Some problem occurred by jvm during execution
- C. 02468
- D. 13579
- E. None of the above

Answer: C(print even numbers)

Q>

```

public class Test {
    public static void main(String[] args) {
        int x =5;
        x*= 3*5 + 7*x-1 + ++x; // x *= 3*5 + 7*x -1 + ++x
                                = 3*5 + 7*5-1 + 6
                                = 15 + 35-1+6
        x* = 55
        x  = x*5
                                = 55*5 = 275

        System.out.println(x);
    }
}

```

Predict the Output?

- A. CompileTime Error
- B. Some problem occurred by jvm during execution
- C. 330
- D. 275
- E. None of the Above

Answer: D

```

public class Test {
    public static void main(String[] args) {
        int a =3;
        switch (a){
            case 1: ++a;
            case 2: a++;
            case 3: a++;//4
            default: ++a;//5
        }
        System.out.println(a);//5
    }
}

```

Predict the Output?

- A. CompileTime Error
- B. Some problem occurred by jvm during execution
- C. 7
- D. 5
- E. 6
- F. None of the Above

Answer: D

Q>

```
public class Test {  
    public static void main(String[] args) {  
        int i;  
        for (i=0;i<6 ;i++ ){  
            if (++i>3)  
                continue;  
        }  
        System.out.println(++i);  
    }  
}
```

Predict the Output?

- A. CompileTime Error
- B. Some problem occurred by jvm during execution
- C. 7
- D. 8
- E. 6
- F. None of the Above

```
i=1, 0<6(true),    1>3(false)  
i=3, 2<6(true),    3>3(false)  
i=5, 4<6(true),    5>3(true)  
i=6, 6<6(false)
```

i = 7

Answer: C