

```
1) public static void main(String[] args) {  
    int n=10;  
    if(n++==100);  
    {  
        System.out.println("hi");  
    }  
    System.out.println(n);  
}
```

```
2) public static void main(String[] args) {  
    int n=2,m=3;  
    if(n++ + ++m ==5){  
        System.out.println("bye");  
    }  
    System.out.println(n+" "+m+n);  
}
```

```
3) public class Solution{  
    public static void main(String[] args){  
        byte x = 127;  
        x++;  
        x++;  
        System.out.print(x);  
    }  
}
```

```
4) class Demo {  
    public static void main(String args[]) {  
        for (int i =0; i <3; i++) {  
            switch(i) {  
                case 0: break;  
                case 1: System.out.print("one ");  
                case 2: System.out.print("two ");  
                case 3: System.out.print("three ");  
            }  
        }  
        System.out.println("done");  
    }  
}
```

```
5) class Demo {  
    public static void main(String args[]) {  
        int index = 0;  
        boolean flag = true;  
        boolean a = false, b;  
        b = (flag | ((index++) == 0));  
        b = (a | ((index += 2) > 0));  
        System.out.println(index);  
    }  
}
```

```
6) class Demo {  
    public static void main() {  
        int odd = 1;  
        if (odd) {  
            System.out.println("odd");  
        } else {  
            System.out.println("even");  
        }  
    }  
}
```

```
7) class increment {  
    public static void main(String args[])  
    {  
        int g = 3;  
        System.out.print(++g * 8);  
    }  
}
```

8)

```
class leftshift_operator
{
    public static void main(String args[])
    {
        byte x = 64;
        int i;
        byte y;
        i = x << 2;
        y = (byte) (x << 2);
        System.out.print(i + " " + y);
    }
}
```

9) class Demo {

```
    public static void main(String args[]) {
        for (int i = 0.0; i < 3.0; i++) {
            switch(i) {
                case 0: break;
                case 1: System.out.print("one ");
                case 2: System.out.print("two ");
                case 3: System.out.print("three ");
            }
        }
        System.out.println("done");
    }
}
```

10)

```
int i=3;  
for(i=4;i<=10;i++){ }  
System.out.println(i);
```

1)Write a java program for factorial of a number.

2)Write a java program to check given number is perfect sq or not.

3)Write a java program to check given number is prime or not.

4)Write a java program to check given character is alpha,numeric or special char.

5)Write a java program for check sum of n number is prime or not.

Input->3

o/p->not prime no

ex:-1+2+3->6->not a prime

Input->2

o/p->prime no

ex:->1+2->3->prime no