1) WAP to print "Hello world" & al (8

```
class helloworld
{
public static void main(string a[])
{
system.out.println("Hello world");
}
}
```

2) WAP to check if a number is prime or not

```
public class prime
{
public static void main(string [] args)
{
int no=4;
if(no==1||no==2)
{
system.out.println("Number is prime");
}
else if(no%2==0)
{
System.out.println("Number is not prime")
}
}
```

Output
number is not prime

3) WAP to print fibonacci series

public class Fibonacci
{
    public static Void main (string [] args)
    {
        int a = 0;
        int b = 1;
        int n = 10;
        system.out.println (a + ',' + b);
        for (int i = 2; i < n; i++)
        {
            int flag = a + b;
            System.out.println (',' + flag);
            a = b;
            b = flag;
        }
    }
}

Output
0, 1, 1, 2, 3, 5, 8, 13, 21, 34

4) WAP to check if a triangle is scalene,
isoceles or equilateral

public class triangle
{
    public static Void main (string [] args)
    {
        int side a = 10
        int side b = 10
        int side c = 20
        if (side a = side b && side b = side c)
        {
            System.out.println ("Equilateral");
        }
    }
}

```java
if (side a == side b || side b == side c ||
    side c == side a)
{
    system.out.println("isoceles");
}
else
{
    system.out.println("scalene");
}
}
```

Output
Isoceles

5) WAP to calculate simple interest

```java
public class interest
{
    public static void main(String[] args)
    {
        int P = 40000
        int T = 3
        int R = 7

        int inter;
        inter = P * T * R / 100;
        system.out.println("your interest is" + inter);
    }
}
```

Output
your interest is 84000

6) W.A.P - to swap two numbers.

```java
public class swapwithTemp {
    public static void main(String[] args)
    {
        int a = 5;
        int b = 10;
        System.Out.println("Before swapping : a = "+a
        +", b = "+ b);
        int temp = a;
        a = b;
        b = temp;
        System.out.println("After swapping : a = "
        +a+", b= "+b);
    }
}
```

Output

Before swapping : a = 5, b = 10
After swapping : a = 10, b = 5