

Q1 WAP to print 'Hello World'

```
import java.util.*;  
public static void main (String [] args) {  
    System.out.println ("Hello World");  
}
```

OUTPUT

Hello World

Q2 WAP to check a number is prime or not

```
import java.util.*;  
public class prime {  
    public static void main (String [] args) {  
        int num=29;  
        int flag=0;  
        for (int i=2; i<num; i++) {  
            if (num%i==0) {  
                flag=1;  
                break;  
            }  
        }  
        if (flag==0) {  
            System.out.println ("Prime");  
        }  
        else {  
            System.out.println ("NOT PRIME");  
        }  
    }  
}
```

OUTPUT

Prime

Q3 WAP for fibonacci numbers

```
import java.util.*;  
public class fibonacci {  
    public static void main (String[] args) {  
        int a=0, b=1, c;  
        System.out.println ("First 5 fibonacci Numbers are:");  
        System.out.println (a);  
        System.out.println (b);  
        for (i=0; i<3; i++) {  
            c=a+b;  
            a=b;  
            b=c;  
            System.out.println (c); } }
```

OUTPUT

First 5 fibonacci Numbers are:

0

1

1

2

3

Q4 WAP to check type of triangle.

```
import java.util.*;
public class triangle {
    public static void main (String [] args) {
        int a=10, b=12, c=10;
        if (a==b) {
            if (b==c) {
                System.out.println ('EQUILATERAL');
            }
            else if (a==b || b==c || c==a) {
                System.out.println ('ISOSCELES');
            }
            else {
                System.out.println ('SCALENCE');
            }
        }
    }
}
```

OUTPUT

ISOSCELES

Q5 WAP to calculate simple interest.

```
import java.util.*;
public class interest {
    public static void main (String [] args) {
        int p=1000, r=10, t=2;
        float si = (p*r*t/100);
        System.out.println (si);
    }
}
```

OUTPUT

200.0

Q6

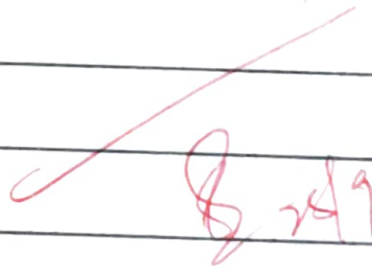
WAP to swap 2 numbers.

```
import java.util.*;  
public class swap {  
    public static void main (String [] args) {  
        int a=10, b=5, temp;  
        temp=a;  
        a=b;  
        b=temp;  
        System.out.println ("a=" + a);  
        System.out.println ("b=" + b);  
    }  
}
```

OUTPUT

a = 5

b = 10

A red checkmark is drawn over a red signature that appears to be 'S. 249'.