

Answer to the Question No-01

```
⇒ package classtest;
import java.util.Scanner;

public Classtest {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int n1, n2, n3, n4, n5;

        int nPositive = 0;
        int nNegative = 0;
        int nZero = 0;

        System.out.println("Enter first number: ");
        n1 = sc.nextInt();

        System.out.println("Enter second number: ");
        n2 = sc.nextInt();

        System.out.println("Enter 3rd number: ");
        n3 = sc.nextInt();

        System.out.println("Enter 4th number: ");
        n4 = sc.nextInt();

        System.out.println("Enter 5th number: ");
```


n5 = sc.nextInt();

// Positive

if (n1 > 0)

nPositive = nPositive + 1;

if (n2 > 0)

nPositive = nPositive + 1;

if (n3 > 0)

nPositive = nPositive + 1;

if (n4 > 0)

nPositive = nPositive + 1;

if (n5 > 0)

nPositive = nPositive + 1;

// Negative

if (n1 < 0)

nNegative = nNegative + 1;

if (n2 < 0)

nNegative = nNegative + 1;

if (n3 < 0)

nNegative = nNegative + 1;

if (n4 < 0)

nNegative = nNegative + 1;

if (n5 < 0)

nNegative = nNegative + 1;

// Zero

if (n1 == 0)

nZero = nZero + 1;

if (n2 == 0)

nZero = nZero + 1;

if (n3 == 0)

nZero = nZero + 1;

if (n4 == 0)

nZero = nZero + 1;

if (n5 == 0)

nZero = nZero + 1;

System.out.println("\n");

System.out.printf("Positive = %d\n", nPositive);

System.out.printf("Negative = %d\n", nNegative);

System.out.printf("Zero = %d\n", nZero);

}

}

Answers to the Question No-02

```
⇒ package classTest;
```

```
class Apple{
```

```
    int a, b;
```

```
    char c;
```

```
    Apple (int x, int y, char z)
```

```
    {
```

```
        a = x;
```

```
        b = y;
```

```
        c = z;
```

```
        System.out.println("In Apple class");
```

```
    }
```

```
}
```

```
class Orange ext extends Apple {
```

```
    int d; char
```

```
    char e;
```

```
    Orange (int m, char n)
```

```
    {
```

```
        d = m;
```

```
        e = n;
```



```
System.out.println ("In Orange class");
```

```
}
```

```
}
```

```
Class Banana extends Orange {
```

```
    int i; char s;
```

```
    Banana (int k, char w)
```

```
{
```

```
        i = k;
```

```
        s = w;
```

```
        System.out.println ("In banana class");
```

```
}
```

```
}
```

```
public void mai static main (String [] args)
```

```
{
```

```
    Banana ob = new Banana ();
```

```
    Orange ob1 = new Orange ();
```

```
    Apple ob2 = new Apple ();
```

```
}
```