

### **Data .java**

```
class data{
public static void main (String ar[]){
    int i=40;
    char c='h';
    byte b=20;
    float price= 60.95f;
    double d;
    System.out.println("Value of integer is :"+i);
    System.out.println("Value of character is :"+c);
    System.out.println("Value of byte is :"+b);
    System.out.println("Value of float is :"+price);
}
}
```

### **Bitlogop.java**

```
class bitlogop{
    public static void main (String ar[]){
        int a =6,b=10;
        if (a>5 || b<5)           // short circuit OR
            System.out.println("ok ");
        else
            System.out.println("Sorry ");
    }
}
```

### **Swtest.java**

```
class swtest{
    public static void main (String arg[]){
        int k=5, i=10;
        switch(i-k)
        {
            case 3:
            case 5:
                System.out.println(k);

            case 7:
                System.out.println("ok");
            default:
                System.out.println("KIIT");
        }
        System.out.println("End");
    }
}
```

### **box0.java**

```
class box0 {
    float length;
    float width;
    float height;

    void volume() {
        System.out.println("Volume is : "+length*width*height);
    }
    void dim(){
        System.out.println("Dimensions are : "+length + " "+width+" "+height);
    }
    void setdim(float l, float w, float h)
    {
        length= l;
        width=w;
        height=h;
    }
}
```

### **Mybox.java**

```
class mybox{
    public static void main (String ar[]){
        box0 b1= new box0();
        box0 b2= new box0();

        box b3= new box();
        box b4= new box(10,8,4);

        b1.length=10;
        b1.width=7;
        b1.height=4;
        b2.setdim(8,5,3);

        b1.volume();
        b2.dim();
        b3.volume();
        b4.volume();

    }
}
```

## Scnloop1.java

```
import java.util.*;
class scnloop1 {
    public static void main (String arg[]){

        int sum=0;
        int cnt=0;
        Scanner sc= new Scanner(System.in);
        System.out.println("Enter some numbers :");

        sum= sum+ sc.nextInt();
        cnt= cnt+1;
        sum= sum+ sc.nextInt();
        cnt= cnt+1;
        sum= sum+ sc.nextInt();
        cnt= cnt+1;

        System.out.println("The total is :"+ sum);
        System.out.println("The average is :"+ sum/cnt);
        sc.close();
    }
}
```

## stat0.java

```
class stat0{
    static int a=5;
    static int b;
    int c=8;
    void test(){
        System.out.println ("for testing ");
    }

    public static void main (String arg[]){
        System.out.println ("Well defined. ");

        //test();    //non-static method cannot be referenced
        stat0 ob1= new stat0();
        ob1.test();
    }
}
```

## Usestatic.java

```
class usestatic{

    public static void main (String arg[]){
        System.out.println ("start ");
        stat0 ob1= new stat0();
        stat0 ob2= new stat0();

        System.out.println ("value with ob1 is :"+ ob1.a);
        System.out.println ("value with ob2 is :"+ ob2.a);
        ob2.a =7;
        System.out.println ("value with ob1 is :"+ ob1.a);

        System.out.println ("value of c with ob1 is :"+ ob1.c);
        ob1.c=10;
        System.out.println ("value of c with ob2 is :"+ ob2.c);
    }
}
```