

```
import java.util.Scanner;

class Multiple<T,V> {
    T ob1;
    V ob2;

    Multiple(T o1, V o2){
        ob1 = o1;
        ob2 = o2;
    }

    void showTypes(){
        System.out.println(" Type of first :" + ob1.getClass().getName());
        System.out.println(" Type of second :" + ob2.getClass().getName());
    }

    T getOb1(){
        return ob1;
    }

    V getOb2(){
        return ob2;
    }
}

class MainGenerics{
    public static void main(String args[]){
        Scanner sc = new Scanner(System.in);

        System.out.print(" Enter any string : ");
        String s = sc.nextLine();
        System.out.print( "Enter any integer : ");
        int i = sc.nextInt();

        System.out.println();
    }
}
```



```
class MainGenerics{
    public static void main(String args[]){
        Scanner sc = new Scanner(System.in);

        System.out.print(" Enter any string : ");
        String s = sc.nextLine();
        System.out.print( "Enter any integer : ");
        int i = sc.nextInt();

        System.out.println();

        System.out.print(" Enter any string : ");
        String st = sc.next();
        System.out.print( "Enter any double : ");
        double d = sc.nextDouble();

        Multiple<String, Integer> tgObj = new Multiple<String, Integer>(s,i);
        tgObj.showTypes();

        String str = tgObj.getOb1();
        System.out.println(" Value of set 1 : " + str);
        int v = tgObj.getOb2();
        System.out.println(" Value of set 1 : " + v);

        System.out.println();

        Multiple<String, Double> tObj = new Multiple<String, Double>(st,d);
        tObj.showTypes();

        String strn = tObj.getOb1();
        System.out.println(" Value of set 2 : " + strn);
        double vd = tObj.getOb2();
        System.out.println(" Value of set 2 : " + vd);

    }
}
```

```
D:\varunurs>javac MainGenerics.java
```

```
D:\varunurs>java MainGenerics
```

```
Enter any string : Varun Urs
```

```
Enter any integer : 182
```

```
Enter any string : CSE
```

```
Enter any double : 10.00
```

```
Type of first : java.lang.String
```

```
Type of second : java.lang.Integer
```

```
Value of set 1 : Varun Urs
```

```
Value of set 1 : 182
```

```
Type of first : java.lang.String
```

```
Type of second : java.lang.Double
```

```
Value of set 2 : CSE
```

```
Value of set 2 : 10.0
```

```
D:\varunurs>_
```

