Week 10

Lab program 7

```
import java.util.*;
import java.lang.String;
class generic <DT1, DT2, DT3>
{
    DT1 obj;
    DT2 obj1;
    DT3 obj2;
    generic (DT1 a, DT2 b, DT3 c)
    {
        obj = a;
        obj1 = b;
        obj2 = c;
    }
    DT1 get1()
    {
        return obj;
    }
    DT2 get2()
    {
        return obj1;
    }
```

```
DT3 get3()
{
  return obj2;
}
void showdatatype()
{
  System.out.println("The type of datatype
        used is =" +obj.getClass().getName());
  System.out.println("The types of datatype
        used is =" +obj1.getclass().getName());
  System.out.println("The types of datatype
        used is =" +obj2.getclass().getName());
  }
}
class genericmain
{
  public static void main(String args[])
  {
    Scanner s= new Scanner(System.in);
    System.out.println("Enter the values");
    int X=s.nextInt();
    String str=s.next();
    double xx=s.nextDouble();
    Generic<Integer,String,Double>
```

store
67

```
a = new generic < Integer, String, Double >
                                        (x, str, xx);
 a. showdatatype();
System. out. println (" The integer entered
                      is =" a. get1());
System. out. println (" The string Entered
                    is =" a. get2());
System. out. println (" The Integer entered
                          is =" + a. get3 ());
 }
}
```