Labi import java. util. Scanner; class gene = T,U, V > 9 Tobji; U obj2; v obj3; gene (Tobj1, vobj2, vobj3) System. out-println (" In Inside the generic"); this obj1 = obj1 this, obj 2= obj2; this. obj3= obj3; void display() System.out.println("In Value of obj1:7"+ obj1); System. out. println (cein Type of") + obj 1+ (cis") obj J. get Class. get Name (); Systemant println ("In value of obj2:7" + obj2); Systemout. println ("In Type of"+ obje + "c is"+ obj2. getclass getvame (); System.out.println("In Value of obj3:7774 obj3); Systemate println ("In Type of "+ obj3+ceis" + obj3. get (lass.get Name ());

class generics public static void main (string args []) Scanner BC= new Scanner (Systemin); System, out. println ("enter the Integer Value;"); int val 1 = sc. next(nt(); System out : printin (" enter the string value; "); int val2 = sc, mentint (); System.out.printin ("In enter the double value;"); intral3 = sc. next Int (); systemout printin(" In enter the Boolean value: "1); int valy = scinent(); gene < Integer, String, Double 792 = now gene 2 Integer, String, Double > (val 1, val 2, val 3); g1. display(); 3

```
import java.util.Scanner;
class gene<T,U,V>{
T obj1;// an object of type T
U obj2;// an object of type U
V obj3;// an object of type V
          gene (T obj1,U obj2, V obj3)
          {System.out.println("\n Inside the generic class:>");
          this.obj1=obj1;
          this.obj2=obj2;
          this.obj3=obj3;
          void display(){
          System.out.println("\n Value of obj1 :>"+obj1);
          System.out.println("\t Type of "+ obj1+ " is " + obj1.getClass().getName
());
          System.out.println("\n Value of obj2 :>"+obj2);
          System.out.println("\t Type of "+ obj2+ " is " + obj2.getClass().getName
());
          System_out_println("\n Value of obj3 :>"+obj3);
          System.out.println("\t Type of "+ obj3+ " is " + obj3.getClass().getName
());
```

```
System.out.println("\n Value of obj3 :>"+obj3);
          System.out.println("\t Type of "+ obj3+ " is " + obj3.getClass().getName
());
class generics{
public static void main(String args[]){
Scanner sc=new Scanner(System.in);
          System.out.println("enter the Integr value -->");
          int val1=sc.nextInt();
          System.out.println("\n enter the String value ->");
          String val2=sc.next();
          System.out.println("\n enter the double value -->");
          Double val3=sc.nextDouble();
          gene <Integer,String,Double> g1 =new gene <Integer,String,Double>
(val1,val2,val3);// calling parameterised const
          g1.display();
```

```
C:\Users\cw\Desktop\OOJLAB\Lab7(week10)>java generics
enter the Integr value -->
enter the String value -->
amit
enter the double value -->
34.9
 Inside the generic class:>
Ualue of obj1 :>3
         Type of 3 is java.lang.Integer
Value of obj2 :>amit
         Type of amit is java.lang.String
Value of obj3 :>34.9
         Type of 34.9 is java.lang.Double
C:\Users\cw\Desktop\OOJLAB\Lab?(week10)>
```