```java
import java.util.*;
class ThreeGen<T, V,W> {
 T ob1;
 V ob2;
 W ob3;
 ThreeGen(T o1, V o2,W o3) {
 ob1 = o1;
 ob2 = o2;
 ob3=o3;
 }
 void showTypes() {
 System.out.println("Type of T is " +
 ob1.getClass().getName());
 System.out.println("Type of V is " +
 ob2.getClass().getName());
 System.out.println("Type of W is " +
 ob3.getClass().getName());

 }
 T getob1() {
 return ob1;
 }
 V getob2() {
 return ob2;
 }
 W getob3()
 {
    return ob3;
 }
}
class SimpleGen {
 public static void main(String args[]) {
 Scanner sc=new Scanner(System.in);
 int a;
 String b;
 float c,c1;
 char a1;
 double d1;
 System.out.println("enter a integer,string,float");
 a=sc.nextInt();
 b=sc.next();
 c=sc.nextFloat();
 ThreeGen<Integer, String,Float> tgObj =
 new ThreeGen<Integer, String,Float>(a, b,c);
 tgObj.showTypes();
 int v = tgObj.getob1();
 System.out.println("value1: " + v);
 String str = tgObj.getob2();
 System.out.println("value2: " + str);
 float x=tgObj.getob3();
 System.out.println("value3: " + x);
 System.out.println("enter a Character,Double,float");
 a1=sc.next().charAt(0);
 d1=sc.nextDouble();
 c1=sc.nextFloat();
 ThreeGen<Character, Double,Float> tgObj1 =
 new ThreeGen<Character, Double,Float>(a1, d1,c1);
 tgObj1.showTypes();
 char v1 = tgObj1.getob1();
 System.out.println("value1: " + v1);
 double str1 = tgObj1.getob2();
 System.out.println("value2: " + str1);
 float x1=tgObj1.getob3();
 System.out.println("value3: " + x1);

 }
}
```

```
[Arvinds-MacBook-Pro:ooj Arvind$ java SimpleGen
enter a integer,string,float
12
anvi
2,5
Type of T is java.lang.Integer
Type of V is java.lang.String
Type of W is java.lang.Float
value1: 12
value2: anvi
value3: 2.5
enter a Character,Double,float
a
4,5555555
3,5
Type of T is java.lang.Character
Type of V is java.lang.Double
Type of W is java.lang.Float
value1: a
value2: 4.5555555
value3: 3.5
Arvinds-MacBook-Pro:ooj Arvind$
```