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1BM19CS041

Generics

```
import java.util.*;
class ThreeGen<T, V, S>
{
T ob1;
V ob2;
S ob3;

ThreeGen(T o1, V o2, S 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 S is " + ob3.getClass().
                                      getName());
 }
 T getob1()
 {
  return ob1;
 }
 V getob2()
  {return ob2;
 }
```

```
S getob3()
 {
  return ob3;
 }
}

class Gen
 {
 public static void main(String args[])
  {
  ThreeGen<Integer, String, Double> tgObj = new
                    ThreeGen<Integer, String, Double>
                              (88, "Generics", 0.4);
  int v = tgObj.getob1();
  System.out.println("value : "+v);
  String str = tgObj.getob2();
   System.out.println("value:"+str);
  double s = tgObj.getob3();
   System.out.println("value:"+s);
 }
}
```