3D OOJ LAB - 01 BATCH VAKAMALLA KEERTHI
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Program 7

```
import java.io.*;
import java.lang.*;
import java.util.*;

class gen<T>
{
    T ob;
    gen(T o)
    {
        ob=o;
    }
  T getob()
  {
      return ob;
  }
  void showtype()
  {
  System.out.println("Type of T is" + ob.getClass().
                                        getName());
  }
}
class generic
{
  public static void main(String[] args)
```

```
{
    String n;
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter the Integer Number
     to be Displayed using the generic style");

    n = sc.next();
    gen <Integer> ob1 = new gen<Integer>(Integer
                                .parseInt(n));

    ob1.showtype();
    int val = ob1.getob();
   System.out.println ("value is: "+val);

   System.out.println();

  System.out.println ("Enter the String to Be
                    Displayed using the generic
                                style");

  n = sc.next();
 gen<String> ob2 = new gen<String>(n);
  ob2.showtype();
  String x = ob2.getOb();
  System.out.println ("value :"+x);

  System.out.println();

System.out.println("Enter the Double Number
    to Be Displayed using the generic style");
```

```
n = sc.next();
gen<Double> ob3 = new gen<Double>(Double.
                                  parseDouble
                                  (n));

ob3.showtype();
double ans = ob3.getob();
System.out.println("value :"+ans);
}
}
```