

```

class Gen<I,S,D>

{ I iob; S strob; D dob;

  Gen(I io,S so,D doj)

  { iob = io;

    strob = so;

    dob=  doj;}

  I getiob()

  { return iob; }

  S getstrob()

  { return strob; }

  D getdob()

  { return dob; }

  void showType()

  { System.out.println("Types are\n1." + iob.getClass().getName() + "\n2."+strob.getClass().getName() +
"\n3."+dob.getClass().getName()); }

}

```

```

class GenDemo

{ public static void main(String args[])

  { Gen<Integer,String,Double> GOB = new Gen<Integer,String,Double>(100,"Hello",3.14159);

    GOB.showType();

    int i = GOB.getiob();

    String str = GOB.getstrob();

    double d = GOB.getdob();

    System.out.println();

    System.out.println("Integer: ");

    System.out.println("value: " + i);

    System.out.println("String: ");

    System.out.println("value: " + str);

    System.out.println("Double: ");

    System.out.println("value: " + d);

  }

}

```

```
Command Prompt
D:\Java\jdk1.8.0_261\bin\prog>javac GenDemo.java

D:\Java\jdk1.8.0_261\bin\prog>java GenDemo
Types are
1.java.lang.Integer
2.java.lang.String
3.java.lang.Double
Integer:
value: 100
String:
value: Hello
Double:
value: 3.14159

D:\Java\jdk1.8.0_261\bin\prog>
```