

GENERIC :-

= = =

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13M18CS012

```
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 > (91, "Generics", 0.4);

        tgobj.showType();
        int v = tgobj.getobj1();
        System.out.println("value: " + v);
        String str = tgobj.getobj2();
        System.out.println("value: " + str);
        double s = tgobj.getobj3();
        System.out.println("value: " + s);
    }
}

```