

Lab - 7

Ueno : IBM1908082

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Shetty

Generics

```
class Gen < T, U, V > {
```

```
    T ob1;
```

```
    U  ob2;
```

```
    V  ob3;
```

```
    Gen ( T ob1, U ob2, V ob3 ) {
```

```
        ob1 = ob1;
```

```
        ob2 = ob2;
```

```
        ob3 = ob3;
```

```
    }
```

```
    void showTypes () {
```

```
        System.out.println ("Type of T object is  
" + ob1.getClass().getName());
```

```
        System.out.println ("Type of U object is  
" + ob2.getClass().getName());
```

```
        System.out.println ("Type of V object is  
" + ob3.getClass().getName());
```

```
    }
```

```
    T getOb1 () {  
        return ob1;
```

```
    }
```

```
    U getOb2 () {  
        return ob2;
```

```
    }
```

```

V getOb3 () {
    return Ob3;
}
}

```

```

class Genomics {
    public static void main (String args[])
    {
        Gen < Integer, Double, String> genOb = new
            Gen < Integer, Double, String> (16, 94.857
                "Manikanth");

        genOb.showTypes();
        int t = genOb.getOb1();
        System.out.println ("Value in T: " + t);
        Double u = genOb.getOb2();
        System.out.println ("Value in U: " + u);
        String v = genOb.getOb3();
        System.out.println ("Value in V: " + v);
    }
}

```