

Lab 7

vijayachandran
IBM19C8084

```
class Gen < P, Q, R >
```

```
{
```

```
    P a;
```

```
    Q b;
```

```
    R c;
```

```
    Gen (P l, Q m, R n)
```

```
{
```

```
    a = l;
```

```
    b = m;
```

```
    c = n;
```

```
}
```

```
void showType ()
```

```
{
```

```
    System.out.println ("a is " + a + a.getClass().getName() +  
        "b is " + b + b.getClass().getName() +  
        "c is " + c + c.getClass().getName());
```

```
}
```

```
}
```

```
class GenDemo
```

```
{
```

```
    public static void main (String args[])
```

```
{
```

```
        Gen < Integer, String, Double > g =
```

```
        new Gen < Integer, String, Double >  
        (98, "Jeevan", 28.376);
```

```
        g.showType();
```

```
}
```

```
}
```

```
vj2001@VJ:~/ooj-lab/gen$ java GenDemo  
a = 98      Type:java.lang.Integer  
b = Jeevan  Type:java.lang.String  
c = 238.3598 Type:java.lang.Double
```