

OOJ LAB-7

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

```
class gen < A, B, C > {
```

```
    A ob1;
```

```
    B ob2;
```

```
    C ob3;
```

```
    gen ( A x, B y, C z ) {
```

```
        ob1 = x;
```

```
        ob2 = y;
```

```
        ob3 = z;
```

```
    }  
    void showTypes () {
```

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

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

```
A.get ob1 () {  
    return ob1;  
}
```

```
B.get ob2 () {  
    return ob2;  
}
```

```
C.get ob3 () {  
    return ob3;  
}
```

```
}  
}
```

```
}  
class Generics {  
    int i = 100;  
    int j = 600;  
    int k = 800;  
}
```

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

```
gen <Integer, String, Double> gen;
```

```
new gen <Integer, String, Double>
```

```
(45, "Generics", 420.4)
```

```
obj.showTypes ();
```

```
int a = abt.obj.getob1();  
System.out.println("value : " + a);  
String b = abtObj.getob2();  
System.out.println("value : " + b);  
double c = getob3();  
System.out.println("value : " + c);  
}  
}
```