

## LAB Program 7 - Generic

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

BHARATH

IBM19CS035

```
    A ob1;
```

```
    B ob2;
```

```
    C ob3;
```

```
    Generic (A o1, B o2, C o3)  
{
```

```
        ob1 = o1;
```

```
        ob2 = o2;
```

```
        ob3 = o3;
```

```
    }
```

```
    void Display()  
{
```

```
        System.out.println("A is " + ob1.getClass()
```

```
            .getName());
```

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

```
        System.out.println("C is " + ob3.getClass().getName());
```

```
    }
```

```
    A func1
```

```
    {
```

```
        return ob1;
```

```
    }
```

```
B func 2 ()  
{
```

```
    return ob2;
```

```
}
```

```
C func 3 ()  
{
```

```
    return ob3;
```

```
}
```

```
}
```

```
class GenericMain  
{
```

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

```
        Generic<Integer, String, Double> mainobj =  
            new Generic<Integer, String, Double> (47, "qwerty"
```

1 Sep 99

```
        mainobj.Display();
```

```
        int a = mainobj.func 1();
```

```
        System.out.println (" Value of Integer : " + a);
```

```
        String b = mainobj.func 2();
```

```
        System.out.println (" String : " + b);
```

```
        double c = mainobj.func 3();
```

```
        System.out.println (" Value of Double : " + c);
```