

lab program 7

```
class myGen <A,B> {
```

```
    A obj1;
```

```
    B obj2;
```

```
    myGen(A obj1, B obj2) {
```

```
        this.obj1 = obj1;
```

```
        this.obj2 = obj2;
```

```
    }
```

```
    public void print() {
```

```
        System.out.println(this.obj1);
```

```
        System.out.println(this.obj2);
```

```
    }
```

```
}
```

```
public class labprog7 {
```

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

```
        myGen<String, Integer> myobj1 = new myGen<String, Integer>("Bracon", 19);
```

```
        myGen<String, Double> myobj2 = new myGen<String, Double>("Test", 4900);
```

```
        my obj1.print();
```

```
        my obj2.print();
```

```
}
```

Lab program 8

```
import  
↑ java.util. Scanner;
```

```
class WrongAge extends Exception {  
    public WrongAge (String s) {  
        super (s);  
    }  
}
```

```
class Father throws WrongAge {  
    int Father Age;  
    Father (int f Age, int sAge) throws WrongAge {  
        if (fAge <= sAge) {  
            throw new WrongAge ("Fathers age is less than  
            or equal to sons' age");  
        } else {  
            fatherAge = fAge;  
        }  
    }  
}
```

```
class Son extends Father {  
    int son Age;
```

```
    Son (int fAge , int sAge) throws Wrong Age {  
        super (fAge , sAge);  
        son Age = sAge;  
    }
```

```
    void print () {  
        System.out.println ("Father's Age: " + fatherAge);  
        System.out.println ("Son's Age: " + sonAge);  
    }
```

```
}
```

```
public class Lalprog8 {
```

```
    public static void main (String args[]) {  
        int fAge , sAge;
```

```
        Scanner sc = new Scanner (System.in);
```

```
        System.out.println ("Enter Father's Age:");  
        fAge = sc.nextInt();
```

```
        System.out.println ("Enter Son's Age:");  
        sAge = sc.nextInt();
```

```
        try {
```

```
            Son son = new Son (fAge , sAge);  
            son.print();
```

```
        } catch (Wrong Age err) { System.out.println (err); } }
```