

PROGRAM-7

```

class Generics <T,U,S>
{
    T obj1;
    U obj2;
    S obj3;
    Generics (T obj1, U obj2, S obj3)
    {
        this.obj1 = obj1;
        this.obj2 = obj2;
        this.obj3 = obj3;
    }
    public void print()
    {
        System.out.println(obj1);
        System.out.println(obj2);
        System.out.println(obj3);
    }
}

```

```

class Genericsmain

```

```

{
    public static void main (String[] args)
    {
        Generics <String, Integer, String> obj =
        new Generics<String, Integer, String> ("WEEK", 7, "LAB-
        PROGRAM");
        obj.print();
    }
}

```

```
class WrongAge extends Exception
{
```

```
    public String toString()
    {
```

```
        return " Please enter the right age : " + " Son's age > " + " Father's age";
    }
```

```
    }
}

class Father
```

```
{
    int age;
    Father (int age1)
    {
        age = age1;
```

```
        System.out.println(" Father age : " + age);
    }
}
```

```
class Son extends Father
```

```
{
    Son (int age1)
```

```
    {
        super (age1);
        System.out.println(" Son age : " + age);
    }
}
```

```
class AGE-main1
{
```

public static void main(String args[]) throws Wrong age

{

int i = args.length;

int j = Integer.parseInt(args[0]);

int k = Integer.parseInt(args[1]);

if (i < 20 || k > j)

{

throw new WrongAge();

}

else

{

Father f = new Father(j);

Son s = new Son(k);

}

}

}