week - 10 lab 7

1. Class myname<A, B>

```
{
    A obj1;
    B obj2;
  myname(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 Lab15{
public static void main(String[]args){
myname<String, Integer>myobj = new myname<String
,Integer>("age", 40);
myname<String, Double>myobj2 = new myname<String
,Double>("weight", 60.00);
myObj.print();
myobj2.print();
}
```

```
}.
```

LAB-PROGRAM - 8

```
import java.util.Scanner;
class wrongage extends Exception{
 public Wrongage(String s){
   super(s);
 }
}

class Father {
 int fatherAge;
 Father(int fAge, int sAge) throws WrongAge{
 if(fAge <= sAge){
 throw new WrongAge("Father's Age is equal
to or less than Son's Age");
 }
 else {
this.fatherAge = fAge;
 }
}
}

class Son extenderds Father {
int sonAge;
Son(int fage, int sage) throws Wrongage{
 super(fAge, sAge);
```

```
this.sonAge = sAge;
}
void print() {
System.out.println("Father's Age:" + fatherAge);
System.out.println("Son's Age: " + sonAge);
}
}
public class Lab17{
 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 (wrongAge error) {
System.out.println("Exception" + error);
 }
 }
```