

LAB-8

Q. Exception Handling Program.

A.

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

```
public class WrongAge extends Exception {
    int a;
    WrongAge(int a) {
        this.a = a;
    }
    public String toString() {
        return "WRONG INPUT AGE " + a;
    }
}
```

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

```
class Father {
    int age;
    Scanner in = new Scanner(System.in);
    Father() throws WrongAge {
        System.out.println("Enter Father's age: ");
        age = in.nextInt();
        if (age < 0) throw new WrongAge(age);
    }
}
```

```
class Son extends Father {
    int age;
```

11/12/2020

```
son() throws WrongAge {  
    super();  
    System.out.println("Enter Son's Age : ");  
    age = in.nextInt();  
    if (age < 0) throw new WrongAge(age);  
    if (age > super.age || age == super.age)  
        throw new WrongAge(age);  
    System.out.println("Normal Exit");  
}
```

}

class Lab8 {

public static void main (String args[]) {

try {

son s = new son();

} catch (WrongAge e) {

System.out.println(e);

}

}

}