Ans 8:

```
import java.util.Scanner;
class my_excep extends Exception{
    String detail;
    my_excep(String string){
        detail=string;
    }
```

```java
    public String toString(){

        return detail;

    }

}
class father{

    Scanner sc=new Scanner(System.in);

    int f_age;

    father() throws my_excep{

        System.out.println("Enter the age of father:");

        f_age=sc.nextInt();

        if(f_age<0)

            throw new my_excep("Wrong Age!");

        else

            System.out.println("Father's age:"+f_age);

    }

}
class son extends father{

    int s_age;

    son() throws my_excep{

        System.out.println("Enter the age of son:");

        s_age=sc.nextInt();

        if(s_age>f_age)

            throw new my_excep("Father's age cannot be less than son's age!");

        else

            System.out.println("Son's age:"+s_age);

    }

}
class Testj{

    public static void main(String args[]){

        try {

            son s=new son();
```
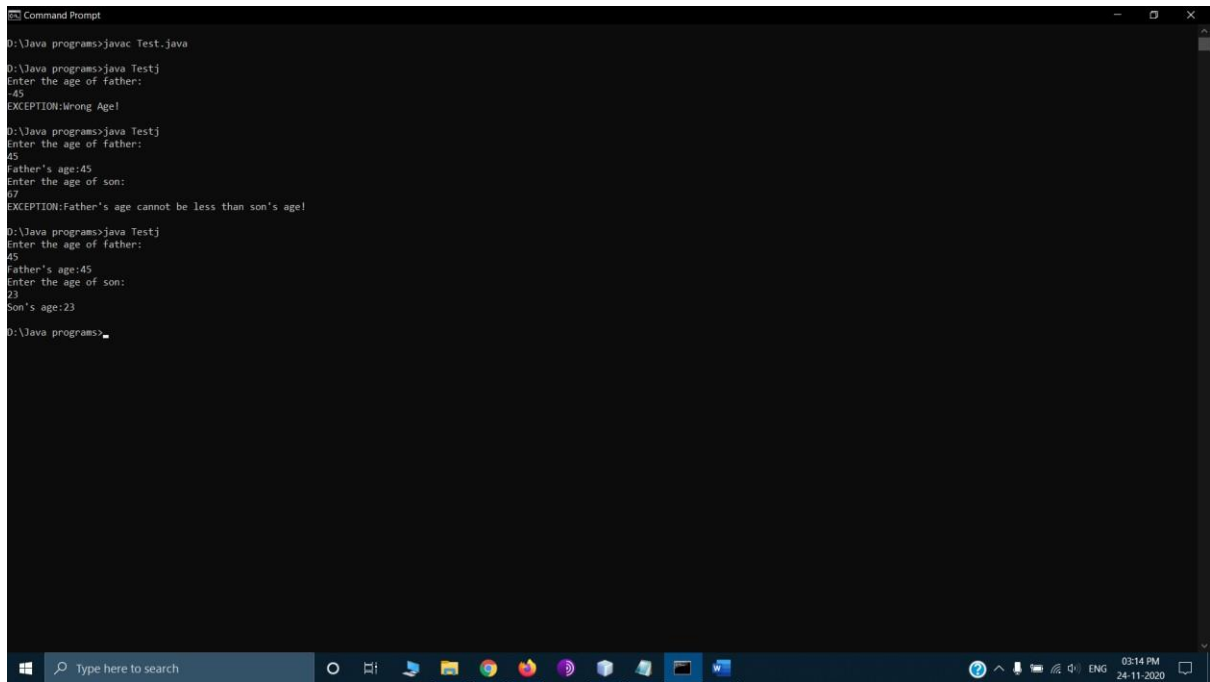
```java
            } catch (my_excep e) {

                System.out.println("EXCEPTION:"+e);

            }

        }

}
```



```
D:\Java programs>javac Test.java

D:\Java programs>java Testj
Enter the age of father:
-45
EXCEPTION:Wrong Age!

D:\Java programs>java Testj
Enter the age of father:
45
Father's age:45
Enter the age of son:
67
EXCEPTION:Father's age cannot be less than son's age!

D:\Java programs>java Testj
Enter the age of father:
45
Father's age:45
Enter the age of son:
23
Son's age:23

D:\Java programs>
```