

```

import java.util.Scanner;

class AgeException1 extends Exception
{ private int sa,fa;

  AgeException1(int a,int b)

  { sa = a;

    fa = b; }

  public String toString()

  { return "age.Exception.Inappropriate_age"; }

}

class AgeException2 extends Exception
{ private int sa,fa;

  AgeException2(int a,int b)

  { sa = a;

    fa = b; }

  public String toString()

  { return "age.Exception.Age(<0)"; }

}

class Father

{ int Fage; }

class Son extends Father

{ int Sage;

  String Sname;

  Son(String name,int age,int fage) throws AgeException1, AgeException2

  { Sage=age;

    Sname=name;

    Fage=fage;

    System.out.println("Son Name: " + Sname);

    System.out.println("Son age: " + Sage);

    System.out.println("Father age " + Fage);

    if(Sage<0 || Fage<0)

      throw new AgeException2(age,fage);

    if(age>=fage)

      throw new AgeException1(age,fage);

    }

}

```

```

class ageExceptionDemo
{
    public static void main(String args[])
    {
        int sa,fa; String name;

        Scanner get=new Scanner(System.in);

        System.out.println("Enter Son Name: ");

        name=get.next();

        System.out.println("Enter Son age: ");

        sa=get.nextInt();

        System.out.println("Enter Father age ");

        fa=get.nextInt();

        try

        { Son s=new Son(name,sa,fa); }

        catch (AgeException1 e)

        { System.out.println("Caught " + e); }

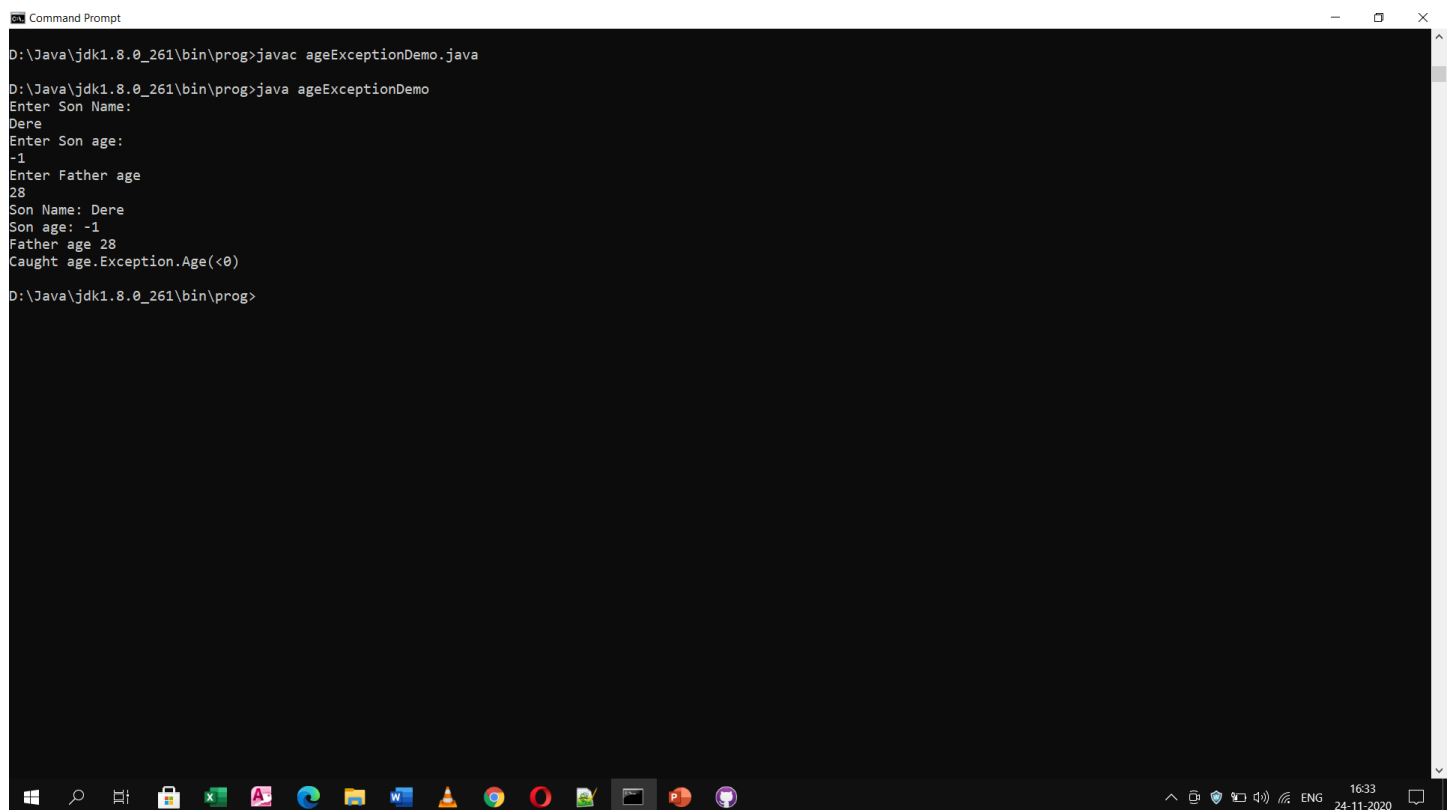
            catch (AgeException2 e)

            { System.out.println("Caught " + e); }

        }

    }
}

```



```

Command Prompt
D:\Java\jdk1.8.0_261\bin\prog>javac ageExceptionDemo.java
D:\Java\jdk1.8.0_261\bin\prog>java ageExceptionDemo
Enter Son Name:
Dere
Enter Son age:
-1
Enter Father age
28
Son Name: Dere
Son age: -1
Father age 28
Caught age.Exception.Age(<0)
D:\Java\jdk1.8.0_261\bin\prog>

```