Program - 1

```java
import java.util.Scanner;

class InvalidAgeException extends Exception
{
    public InvalidAgeException(String str)
    {
        super(str);
        // System.out.println("hello");
    }
}

class father {
    int age;
    father() throws InvalidAgeException{

        Scanner ss = new Scanner (System.in);
        System.out.println("Enter father's Age : ");
        age = ss.nextInt();
        if (age < 0)
            throw new InvalidAgeException
                ("age is negative");
```

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```java
    else {
        System.out.println ("Proper Age");
        }
    }
}

Class son extends father {
        int age;
        Son () throws InvalidAge Exception {
            Scanner ss = new Scanner(System.in);

        System.out.println (" Enter son's Age: ");
        age = s.nextInt();
        if ( Sage >= age) {
            throw new InvalidAge Exception ("Son's Age is
                wrong");
            }
            else {
                System.out.println ("Proper Age")
            }
        }
}
```

```
class fsmain {
    public static void main (String args[]) {
        try {
            Son Sl= new Son();
        }
        catch ( InvalidAge Exception en) {
            System.out.println( en);
        }
        try {
            father f1 = new father ();
        }
        catch (InvalidAge Exception enn) {
            System.out.println ( enn);
        }
    }
}
```