	PAGE NO:
	LAB-7
1	ite a program that demonstrate houdling of exceptions
. 1	
11	existed class colled "son" which extends the base class In Fo
<u>de</u> 1	us implored a constructor which takes the age and throws the
10	ception wrong Age() when the input age co In Son class,
c	plevent a constructor that cases both father and sun's ag
سند	A throws an exception it son's age >= father's age.
_	port java. util Scanner;
111	port Jaya, various
_	las wongther extends Exception ?
C	Dan Ac Ching negase)}
_	spec (nesage);
	las wongflige extends exception ?  wong Age (thing message) {  super (nessage); }
3	and printer ( specific + specific )
<u>ح</u>	lass Input Samer }
	Scarner sc = new Scanner (Systen.in)
	{
(	lass Father extends Input Scanner &
	father() throws wronglige?
	System out printle ("Enter Father's age");
	talledge = sc. newtInt();
	if (faller Age < U) {
_	throw new Warg Age ("Age cannot be regative")
+	
+	- 1/4 } y
+	void display() {
-	System. put. printle ("Father's age is"+ tathertye);
	3

	PAGE NO (>=
class son extends taker &	
int SonAse;	
Son O Hrow Word Age ?	
System outprintle ("Enter Son's ege");	
son be = & next Inter	<b>L</b> .
thow new Wrong Be ("Son"s age com	et le greater
drawnew Wray the (Son ) of	4-10 s
than father's age 1);	2 1 3
8	2/2
else if (sont se 20) {	be resolved)
else if (sonAse 20) {  throw new wrong Age ("Age cannot	
3 3 3 3 3 3 3	Agrand Kal
3	Uici OJ
-8.00 1.00	
\$ 1. 15 d. (1)\$	
void display () }	ke),
System.out. println ("Son's age is" + sont	front 2000
{	n. 12
}	
public class Exception Harding &	the color
public otatic void noin (String [Targs) }	
ty En more planting	
Son son = new Son();	
Son. display O;	
catch (wrong Age e) ?	
System out println "Exception" +	e.gettlesage())
2	nt him i
2	
)	

PAGE NO : Output: Enter father's age Enter son's age Father's age is 50 Enter Pather's age Enter son's age Error: Father's age must be greater than son Enter father's age: Errex: Age cannot be regalise

```
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS C:\Users\User\Desktop\java> javac Lab07.java
PS C:\Users\User\Desktop\java> java Lab07
Enter the Father's age:
Enter the Son's age:
19
Father's age:48
Son's age:19
PS C:\Users\User\Desktop\java> javac Lab07.java
PS C:\Users\User\Desktop\java> java LabQ7
Enter the Father's age:
12
Enter the Son's age:
25
Son'age cannot be greater than Father's age
Wrong Age entered
PS C:\Users\User\Desktop\java> java LabQ7
Enter the Father's age:
-20
Enter the Son's age:
23
Father's age cannot be negative
Wrong Age entered
PS C:\Users\User\Desktop\java>
```