

LAB-7

WAP that demonstrates exception handling in inheritance stream. Create a base class called "Fatha" and derive class called as "son" which extens the base class in Father class implement a constructor which

> import java-util-Scanner

class wrong Age extends Exception 2 public wrong Age (String message) & super (message)

class father L int age;

> public Father (int age) throws Wrong Age & if age LO)& 3 throw new wrong Age ("Age cannot be negative")



this age = age;

SOP (" Father's Age: "+ this age);

class Son extends Father 2

int son Age;

public son (int FatherAge, int sonAge throws Wrongs);

if (son Acc CO)L

throw new wrong Agel" son's age cannot be negative").

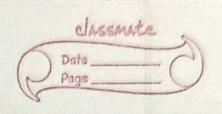
if (son Age > = Father Age) &

thrownew Wrong Agel" Son's Age Connot be correcter or Equal to

Father's age");

this son Age = son Age;

300 ("Son's ag :/ +this sontpl)



public class Fatherson 2

public static void main [String[] args) 2

Scanner scanner: new scanner (system.in);

SOP ("enter Father's Age: "); int Father Age = a conner next Int ();

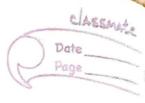
SOP I" Enter son's age: 1); int son Age = scanner next Int();

Son son = new Son (Father age, son Age);

2 catch (Wrong Age, e)2

SOP ("Exception;" + e.get Message());

scanner closel);



Enter Father's Age: 34
Enter son's Age: 2

Father's Age: 34 Son's Age: 12