30/01/24 Lab b. While a program that demonstrates nandling exception in interstance tree Execute a base class called Father and derived class called "son" which extends the base class. impat java util Scanner; class WrongAge extends Exception ?

public wrongAge (String musage) super (message); class Father int father Age; Father () throws wrong Age ? Scanner S: new Scanner (Septem-in); System out printh (Ente Father's age: "); father Age: 8 next Int (); of (fatherAge < 0) therow new Wriengage C Age cannot be negotial; void auplay () Seystem. Out. printh ("Father's age is: "+father!")

class Son extends Father ? Son() throws Wrong Age ? Suger (); Scanner 3. new Scanner (System. in); System. out. println ("Ente Son's age: "); sonAge. s. next (n10); if (Son Age > father Age) thorow new Wrongfige C" Son's age connot be gleake than father is age "); else if (sonfige == father Age) thous new woungfige (Son's age cannot be equal to father's age); else if (sonfige < 0) throw new wongenge C'Age cannot be negative? void display () System. out print to ("Son's age is: " + Son age); public class Main Public Hotic void main (String [] args) Son S, new Son ();

s. duplay (); System out println(e.gHMessage()); O/P: Enter Father's age Ente Son's age Son's age cannot be same as father's ge Enter Pather is age Enter Son's age son's age cannot be greake than father's age Enter father is age Age can't be negative Enks Father age Ente Son's age Famel's age is 34 Son's age is &