PAGE NO: write a program that demonstrates handling expertions in inheritance tree. Create a bose class called "Father" and derived class cison" which extends the base class. In father class, implement a constructor which takes the age and throws the exception wrong Agel) when the input age LO. In son class, implement a constructor that cases both father and son's age and throws an exception if son's import java. util. x; elass WrongAge extends exceptions public WrongAge (string s) of super(s); class Input Scannerd gootected Scannes s; public Input Scanner 1)9 s=new Scannes (systemin); class Pather extends Input Scanner d public father () throws Wronginge of system. out pointln ("enter fathers age:"); bather Age = s + next Int (); (father Age 20) of throw new Woongage ("Age cannol be negative"). public void display () of

PAGE NO System. out print In l'Father's Age: "+ father Age class Son extends Fatherd int son Age; public son () throws Wrongage of System. Out. prindln ("Enter son's Age!"); son Age = s. next 2nt(); if (sonAge > father Age) q throw new WrongAge ("son's age cannot be greater than forther's age"). else if (son Age 20) 9 Arow new Wrong Age ("Age cannot be regartive"); public void display () 9

System.out.println ("son's Age" + son Age); public class Exception Demo of public static void main (string[] args) of Son on = new Son(); 80. display(); cotch (wrongage e) of Bystom out println ("Negative Error"+e system.out println (e.getMessage())

	PAGE NO : DATE :
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	son's Age 18
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	greater than father's age
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