PROGRAM-7 (a) WAP that demonstrates handling of exceptione in inheritance tree. Create a base class st called "tather" and a oldived dass called "800" which extende the base class. In Father's class amprement a constructor which takes the age and thuows the exception wrongages when the input age is less than zero. In son's class implement a constructor that wees father and soils age and theores an exception if son's age is greater than or equal to father's age. import gava. util. Scanner; class wrong Age Exception extends Exception & public WrongAge Exception (+tring message toper (message); 4 Account is saving the Son AgeException extends Exception & class public Son Age Exception (string message super (message); class Father Alba 010038 101976NTEN renivate int age; public Father (int age) throws wrong Age Exception of

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Date\_\_\_\_\_\_ in Cage 2019 ( ) prime ) mine throw new wrong age Exception 1 (surt) sie Wrong SIMMER SO E DELL SCORNER (S CHAMIS this age : age; public Int getage () & 3, 1+x37.32 = 3pA 708 class son extends father & Aros private Int Son Age; Intropublic son (int jatherage , int son Ag throws Nrongage Exception, son Age Exception super (father Age); ( on Age >= jatur Age) & I attain the methron new sontge Exception (1) server M's son's age cannot be grea than or equal to father's system fout minten (() spossothis sonAge = sonAge; system economists (" would prublic Integetson Age () & repur sonAge; string input = sopherateli ( ("n") warpt + Lange ("")) ("

class Father son of public static void main (sminger args) & while (true) & scanner sc = new scanner (system. in system out print ("inter father's father Age: sc. nentint(); system out you nt (" Enter int son Age = sc. nextInt (); Pon son2 new son father Ag son Age ); the sparson + Byeten . out sprintin (" And not possessed Accepted successfully"), Euger (fairely now); catch (Wrong Age Exception e) morta x3304no2 own oregetem. cut. println ( me p od some see ¿ e getme seage () ); than of court to dather ? catch ( gon Age Exception e). & system out printen e set not espermessage ()); System out minten (" would 1 () set a year like to recentur details CHENTRO string input = sc. next(); in (input. equal of Ignore (ase ("n") break;

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