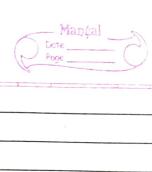
write a program that demanutrates handling of exception in inheritance hate create a base class called "Father" & a durived class called "for" which extends the which takes the \$ age & the exception sons the whom age when input age is the exception sons the a constructor that well pather's k son's age & throwas an exception if son's age is = father's. Import java util. scanner Class my Exception extends Exception public String to String() < "seturn "Age should be golates than O"; Class myexcep extends exception 1 public storing to storing () {

seturn "Father's age should be greater than

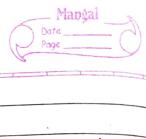
son's"; class father 1 int fage;

gather (int fage) <

this fage = gage;
} void unong Age (int a) throws my Exception

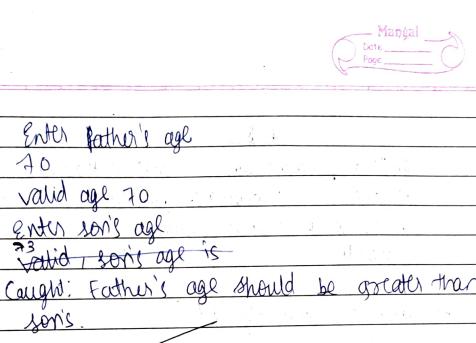


if (a < =0) d throw new my Exception (); else & systemout printly (" valid age "+a); class son extends father & unt sage; this sage - sage void Checkage() throws myexcep & if (suge > fage) ( these new my excep() else L Systemous.pmnt(n("valid, Son's age is "+ sage) dall mount public state void main ( Strong args [7) ( & cannot & = new Scanner (System. in); ent agel, age2;
Systemous printin (" entes jather's age: ");
age1=8 next tot (); fother ; = new father (age 1); fay & anony Age (age 1);



cath (my Exception e) L System out printly ("caught: "te); System.out.pnhoth ("Enter son's age"); agea = 8. next [N()) son si = nowson(agli, agls); Any 1

Sheek age (); System.au., println ("caught: " + e1); enter father's age age should be greater than 0 Enter ("on's age Caught, Father's age should be greater than Enter father's age volid age 60 ently son's age valid, son's age is 40



Enter father's age Ao valid agl 70.