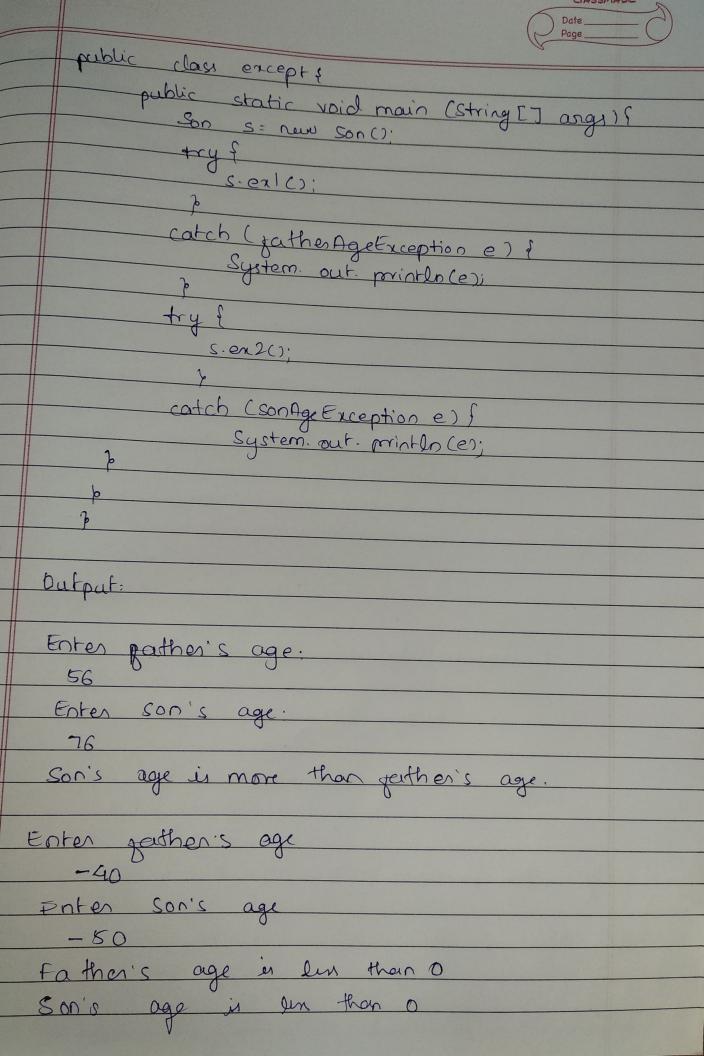
write a program that demonstrates handling & exceptions in inheritance in inheritance tree. Create a base class coiled "Father" and derived class called "son" which extends the bose class. In Father class, implement a constructor which takes the age and throws the exception wrongage () when the input age co. In son class, implement a constructor that cases both father and son's age and throws an ocception it son's age is >= tather's age. import java util +; class gatherageException extends Exception public String to String () of return ("Forther's age is less than 6"); class sonAge Exception extends Exception & int a more son Age Exception (int age) & public string tostving () & ix (aco) return ('Son's age is less than o'); return ("Son's age is more than tather's age");

class father [Scanner in = new Scanner (System in). System. out println ("Entor the gesther's Father () { age: ");
age: n. next Int(); void on 10 throws faither Age Exception ix (age co) throw new gather Age Exception (); clay Son ortends father of System.out.println ("Enter the age of son:"); age = in neut Int(); void en2() throws son Age Exceptions in (age coll age > superage) of throw new son Age Exception (ago);



```
C:\Users\bmsce\Desktop>javac except.java
C:\Users\bmsce\Desktop>java except
Enter the father's age:
34
Enter the age of son:
12
C:\Users\bmsce\Desktop>java except
Enter the father's age:
56
Enter the age of son:
76
Son's age is more than father's age
C:\Users\bmsce\Desktop>java except
Enter the father's age:
43
Enter the age of son:
C:\Users\bmsce\Desktop>java except
Enter the father's age:
-70
Enter the age of son:
Father's age is less that 0
Son's age is more than father's age
C:\Users\bmsce\Desktop>java except
Enter the father's age:
-40
Enter the age of son:
-50
Father's age is less that 0
Son's age is less than 0
C:\Users\bmsce\Desktop>
```