```
class WrongAgeException extends Exception {
    public WrongAgeException(String message) {
        super(message);
class Father {
    int age;
    public Father(int age) throws WrongAgeException {
        if (age < 0) {
            throw new WrongAgeException("Father's age cannot be negative!");
        this.age = age;
class Son extends Father {
    int sonAge;
    public Son(int fatherAge, int sonAge) throws WrongAgeException {
        super(fatherAge);
        if (sonAge < 0) {
           throw new WrongAgeException("Son's age cannot be negative!");
        if (sonAge >= fatherAge) {
           throw new WrongAgeException("Son's age cannot be greater than or equal to Father's age!");
        this.sonAge = sonAge;
    }
public class Demo {
    public static void main(String[] args) {
            Father father = new Father(40);
            Son son = new Son(40, 18);
            System.out.println("Father's age: " + father.age);
            System.out.println("Son's age: " + son.sonAge);
            Father invalidFather = new Father(-5);
        catch (WrongAgeException e){
            System.out.println("Exception caught: " + e.getMessage());
        }
        try {
            Son invalidSon = new Son(35, 36);
        catch (WrongAgeException e){
            System.out.println("Exception caught: " + e.getMessage());}
```

D:\24BECS409>javac Demo.java

D:\24BECS409>java Demo

Father's age: 40 Son's age: 18

Exception caught: Father's age cannot be negative!

Exception caught: Son's age cannot be greater than or equal to Father's age!

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throws WhongAgeException & Hospital Super (Jathor Age); andline : ((Son Age < 0) () 000 000 000 000 reate of throws New Wrong Age Exception L'ison's age class Connot be negative 113; 55. In (500 Age > = father Age) ? Which WangAge throw new wmong Age Exception ("50n's age cannot be greater than on equal nplement to Father's age "); u and 50n'5 this. sonAge = sonAge;) toon { public class Demol sage) ¿ public statec void main (It ming xx[])? fory { Father father = new Father (40); 50n 50n = new 50n(40, 18); System. out. printin ("Fathors age: " + fathor.age); System. out . println ("50n's age": "+ 50n . 50n Age); Father Invalid Father = new Father (-5); le Exception { tatch (whong AgeException e) { athens's system. out. phentln ("Exception cought:"+ e. get tany < 58n invalid 50n - new 50n (35, 36); (atch (whong Age Exception e) (System. out. prientin ("Exception (ought: "+ e. get Message (); 3

21/11/24 Output: > nosiger regulationelle acrondt Super (Jahos Hae): Fother's age: 40 16 = 30 46021 13 50n's que : 18 Exception caught: Fathoi's age cannot be Negative. Exception cought: 50n's age cannot be greater than or equal to Father's age. 1800 Scotlage Scotlage; 2014 - (" - p) + by class Demos + 1r . 644