Exceptions

```java
import java.util.scanner;
class WrongAge extends Exception{
    public WrongAge(String message) {
        super(message);
    }
}
class Father
    protected int fatherAge;
    public Father (int age) throws WrongAge {
        fatherAge = age;
        if (fatherAge <0){
            throw new WrongAge(message: "Father's age
                        cannot be negative");
        }
    }
}
class Son extends Father{
    private int sonAge;
    public Son (int fatherAge, int sonAge) throws WrongA
    { super (fatherAge);
      this.sonAge = sonAge;
      if (sonAge <=0){
          throw new WrongAge(message: "son's age
                                        or zero
                      cannot be negative");
      }
      if (sonAge >= fatherAge){
          throw new WrongAge(message: "Son's age
                      cannot be greater than or equal
                          to father's age");
      }
    }
}
```

```java
public class main {
    public static void main (String[] args) {
        Scanner scanner = new Scanner(System.in);
        try {
            System.out.println("Enter father's age:");
            int fatherAge = scanner.nextInt();
            System.out.println("Enter son's age:");
            int sonAge = Scanner.nextInt();
            Son son = new Son(fatherAge, sonAge);
            System.out.println("Father's age: " + fatherAge);
            System.out.println("Son's age: " + sonAge);
        } catch (WrongAge e) {
            System.out.println("Exception Caught: " + e);
            System.out.println("Exception Caught: " + e.getMessage());
        } catch (Exception e) {
            System.out.println("Error: " + e);
            System.out.println("Error: " + e.getMessage());
        } finally {
            Scanner.close();
        }
    }
}
```

Enter father's age: 34
Enter son's age: 45
Exception caught: WrongAge: Son's age cannot be greater
        than or equal to father's age
Exception caught: Son's age cannot be greater than
        or equal to father's age.

Enter father's age: -9
Enter son's age: 34
Exception Caught: WrongAge: Father's age cannot be negative
Exception caught: Father's age cannot be negative

Enter Father's age: 45
Enter Son's age: -8
Exception caught: WrongAge: Son's age cannot be
negative or zero
Exception caught: Son's age cannot be negative
or zero

Enter Father's age : 56
Enter Son's age : 20
Father's age : 56
Son's age : 20

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