

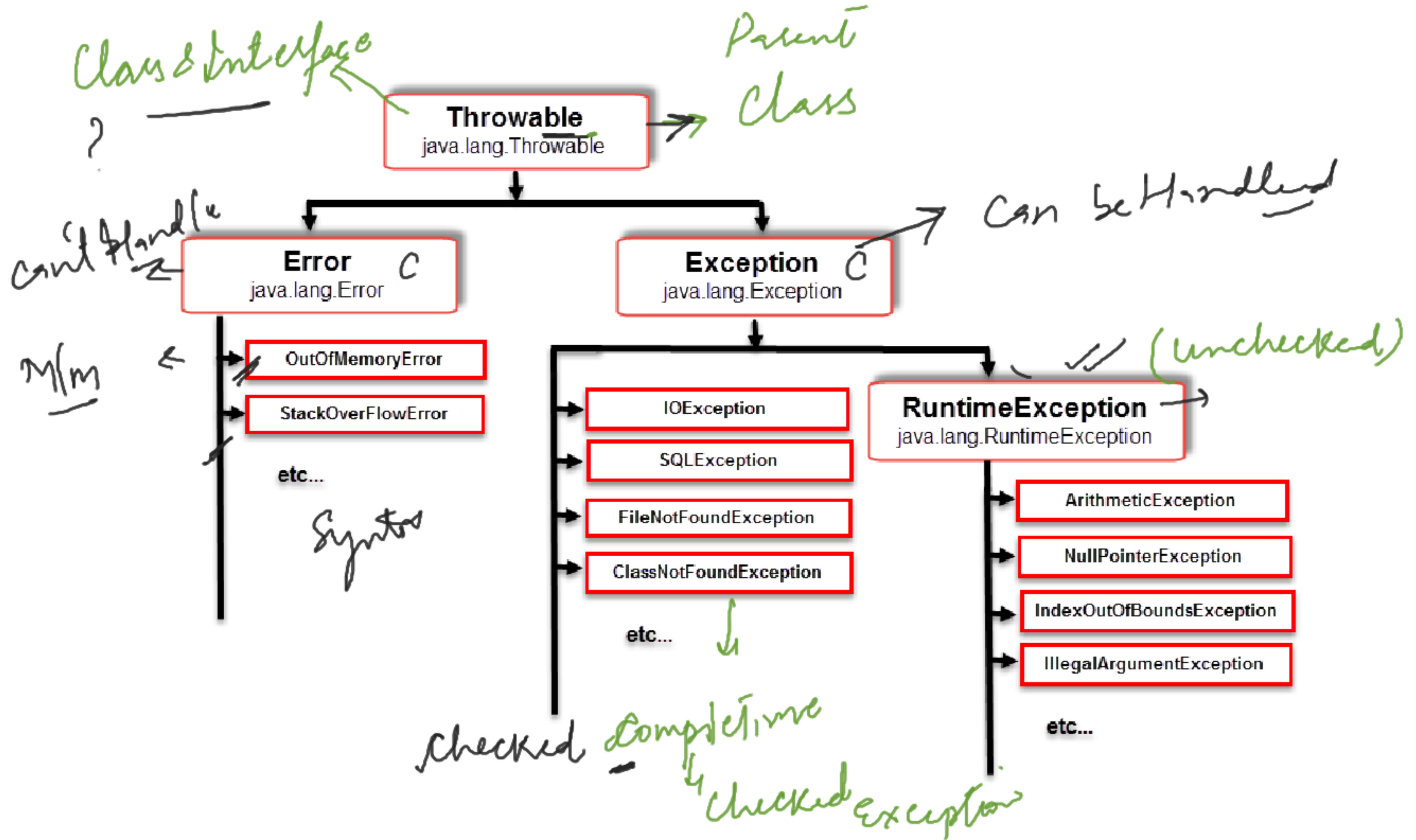
Exception → Exception Handling

Error :- Syntax Error :-

↓
Handle

↓
code execution X

Program
↓ 20 lines
[Normal flow
break]
Exception. Handle / Stop



Exception Handling Concept -

(1) try catch block ✓

(2) finally block

(i) try-catch

try {

// code having
exceptions

} catch (

3

syso (10/0);

Exception

) {

JAVA Handle
Exception

↓
Execution Stop

10/0 ↓ Exception Throws

↓
Catch

JAVA/JVM

↓ Error Message

Programmer → Exception
Handling
Concept

try {

10/0;

} catch () {

↓
✓

Msg

→ ↓ Continue Execution

Null pointer Exception

String s = "Test" / null

s.length(); → 4!

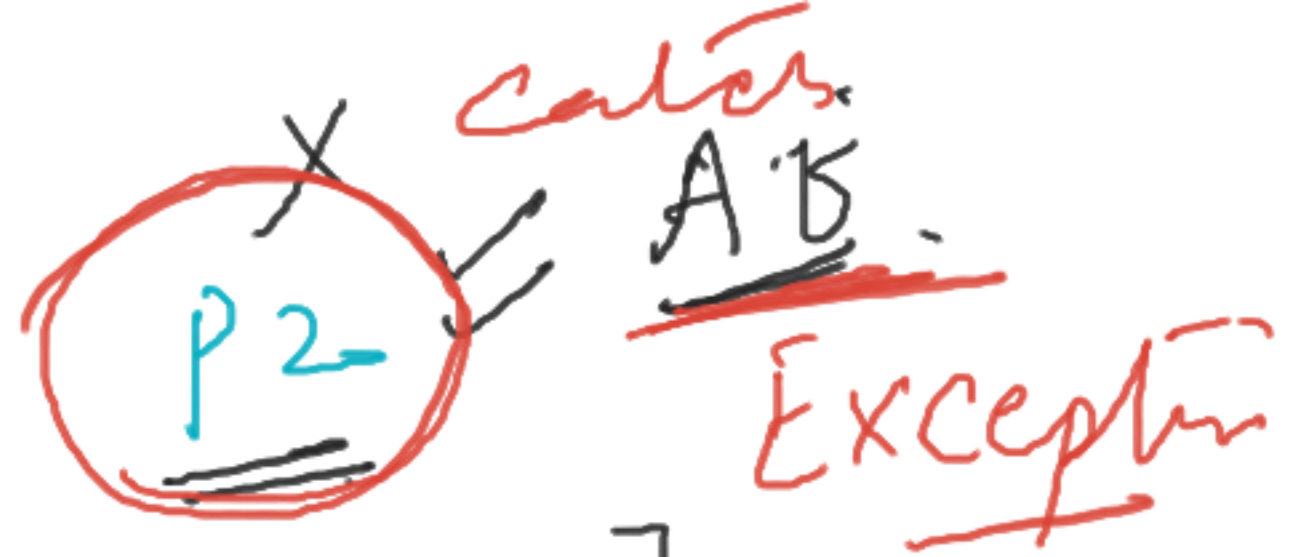
null.length(); // null pointer
Exception

P1 try



A.E

N.P.E



Handle

Execution stop

A.B
N.P.E
Assume

- # Only try { } — X
- # Only catch { } → X
- # Only finally { } → X
- # try { } finally { } → ✓

Yes, will print the
finally statement first
then print the Exception
Message

finally →

try {

} catch () {

} finally {
✓ {
✓ }
✓ task
✓

'throws' keyword

To Handle the
↳ checked Exception

throws keyword → with method signature

Try catch block

#

'throw' keyword



Custom Exception Handle



↓
user-defined



Exception
custom Message Handle

- try catch → Can handle Exception
- Can perform end to end execution
- jms → Exception Handle
- Can't perform end to end execution

