Exception Handling In JAVA

Topic to be covered

1-What is Exception Handling?

2-Error VS Exception

3-Exception Hierarchy

4-Checked VS Unchecked Exception

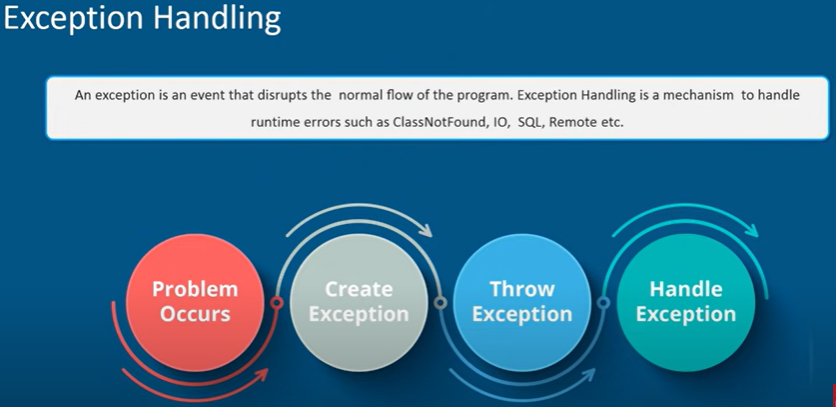
5-Basic Exception Example

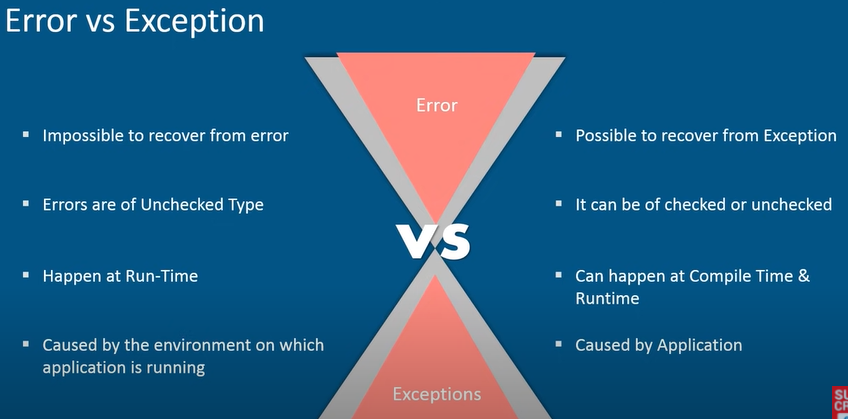
6-Types of Exceptions

7-Exceptions Method

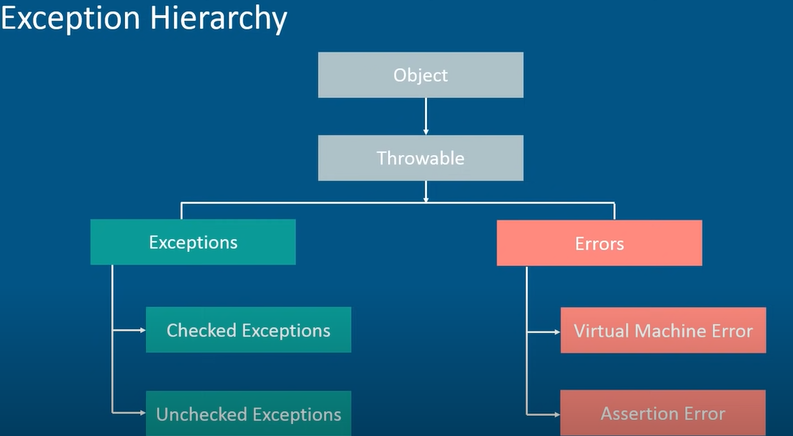
8-Throw VS Throws

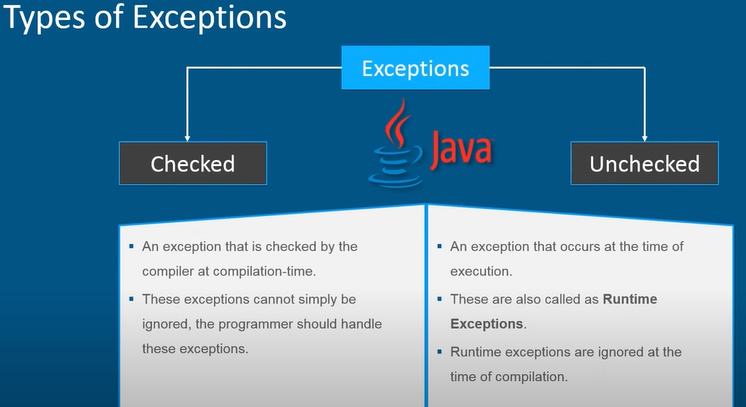
9- final VS finally VS finalize

1\*

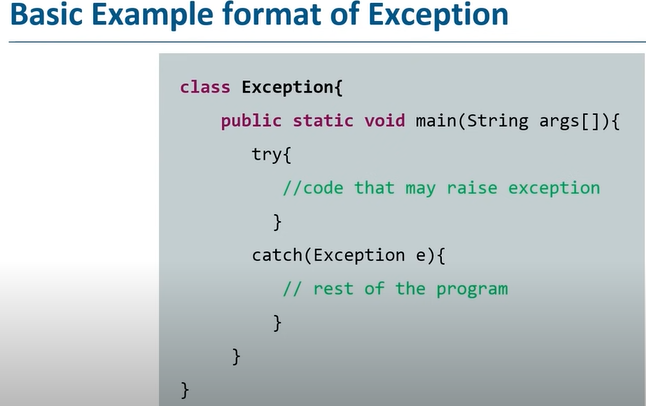
2\*

3\*



4\*

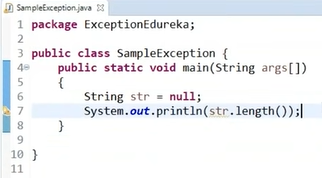
5\*



6\*

This program will give exception because string is null.

Then also we are trying to get the length of the string.

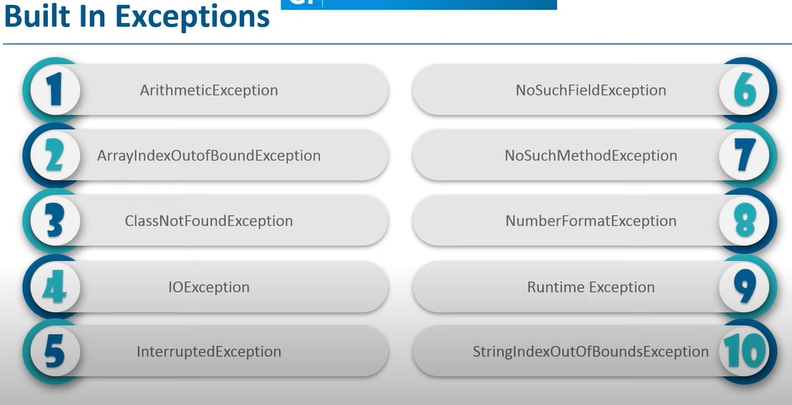


7\*

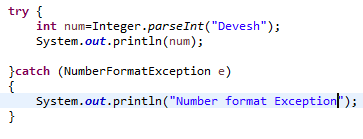
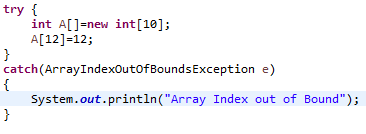
8\* Types of Exceptions

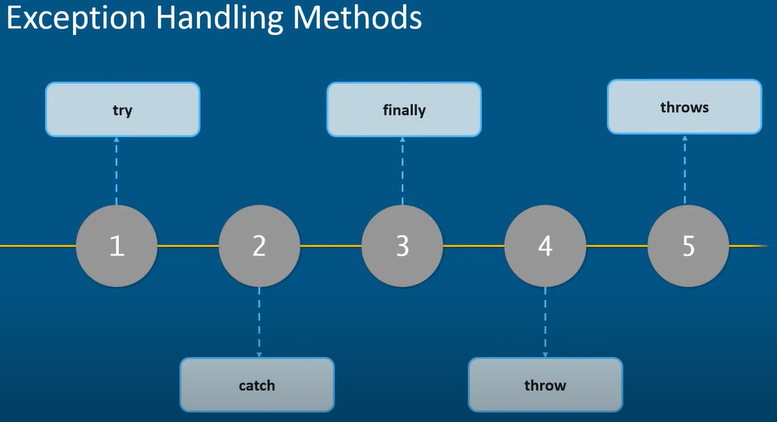
1-Built-in Exceptions

2-User Defined Exceptions



Examples

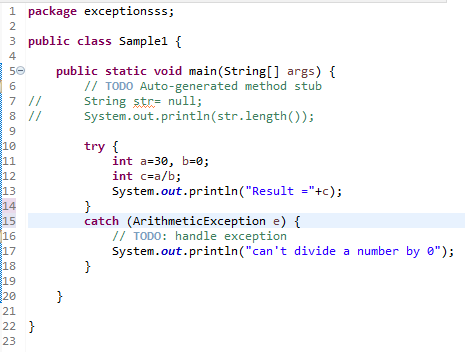
- 



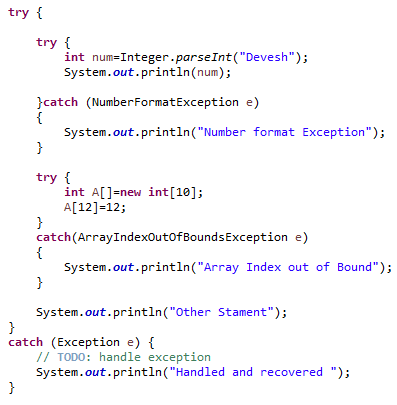
EXCEPTIONAL HANDLING TYPES

1-try

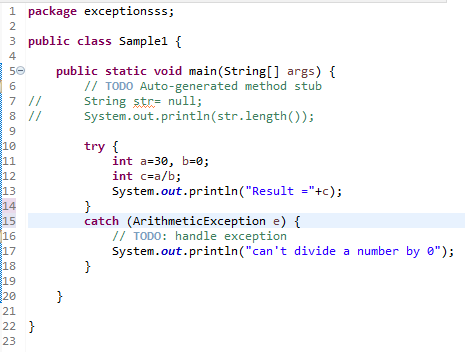
=>



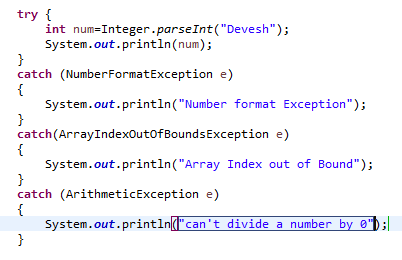
2-Nested try



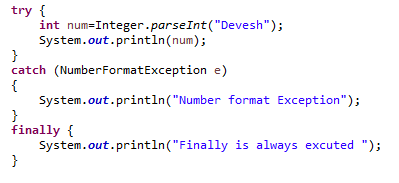
3-catch block



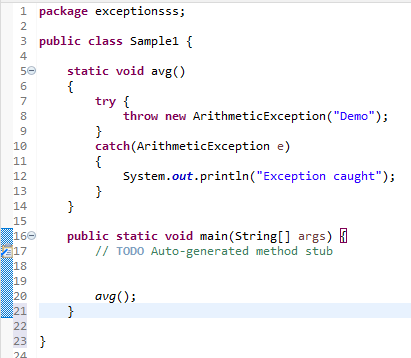
4-Multi Catch



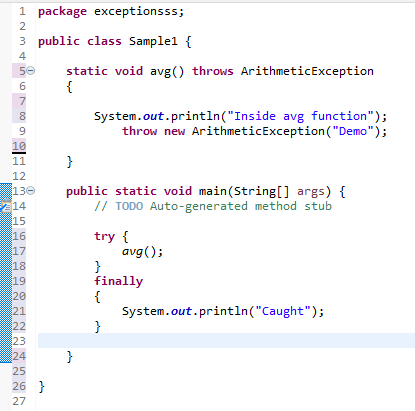
5- Finally

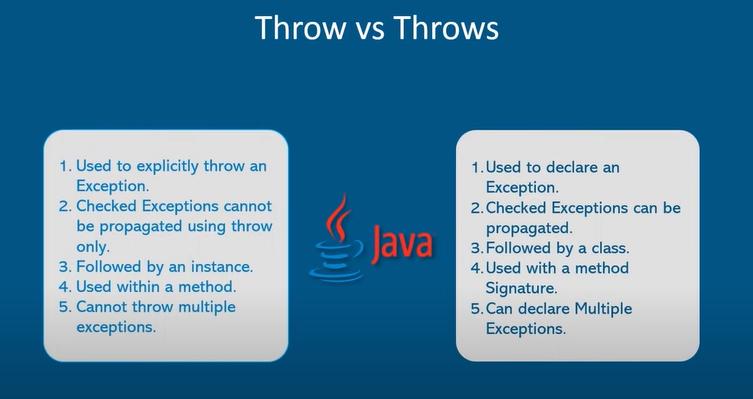


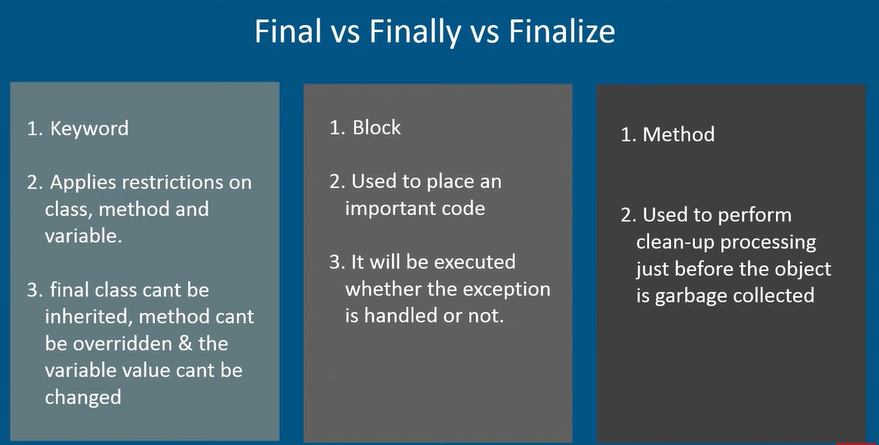
6-Throw



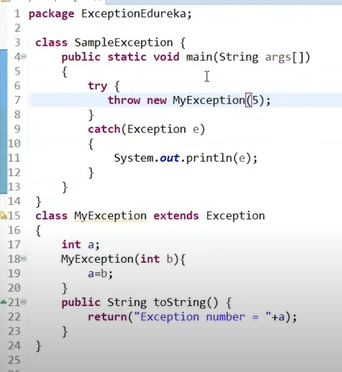
7-Throws







User Defined Exception



Parsing an Exception

