

4. Exception Handling

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EXCEPTION

Event that disrupts the normal flow of execution; happens occasionally

- Also called a `RuntimeError`
- 63 built in exceptions
- You can also have user defined exceptions

EXCEPTION HANDLING CONSTRUCTS

`try:` \rightarrow tries to execute given block. if exception is raised, stops execution and moves to `except`. cannot be used without `except` block.

`except:` \rightarrow executes code block in case of exception being raised in "try". more than one "except" can be used to handle different exceptions differently

`else:` \rightarrow if "try" is successful, then else will be executed. always after `except` block.



Yes I drew this, and no it's not part of our syllabus heh
Merry Christmas everyone :)
Don't let the exams get you down!

`if x == 2:` \rightarrow condition

`raise ExceptionName("error message")`

\rightarrow raises specified exception; here, when condition is satisfied