Exception types

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**Compile time exception** ( or checked exceptions)are thrown during compilation (the editor will throw the exception

during coding itself)

**Runtime exception** (unchecked exception) are thrown during execution, and compiliator do not see them that`s

why it's called unchecked exceptions. Often they are mistakes in the program.

Ways to handle exceptions

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Handling exception using try catch finally ← after this the program will continue to execute.

throws keyword ← its add exception to method signature, in this case we are not handling the exception but we

are postpone(откладывать) the rxception to calling method.

try with resources ← the same as try-catch but closes automatically the resources opened in a try block.

user defined exception

throw new Exception ← we can throw any exception we want and we can create our class that will represent the exception (it`s like user defined exception).