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PYTHON 3 BASICS

Chapter 3 - Session 3-3

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RUN TIME ERROR

VERSUS

SYNTAX ERROR

A program error that occurs while the program is running

Occurs due to performing an illegal operation

Computer detects a runtime error at the time of running the program

Array out of bound, diving by zero, accessing memory that is not available are some examples of runtime errors

An error in the syntax of a sequence of characters or tokens that is intended to be written in a particular programming language

Occurs due to a violation of one or more grammar rules

Compiler detects the syntax error at the time of compiling the program

Missing the semicolons, missing curly braces, undeclared variables, misspelling keywords and identifiers are some examples of syntax errors

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