

# Introduction to Python Programming

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- General Guidelines of Python Coding
  - No variable declaration; however, variables must be initialized before use
    - \* Variable names are case-sensitive
    - \* Variable identifiers may consist of letters, digits, and underscores, but may not begin with a digit
  - Many of the high-level programming languages like C, C++, or C use braces {} to mark a block of code; Python does it via indentation
    - \* A code block representing the body of a function or a loop begins with the indentation and ends with the first unindented line
    - \* Most programming languages provide indentation for better code formatting and don't enforce to have it
- Python Data Types
  - Python determines the type of a literal directly from the syntax at runtime
  - Boolean (bool): True or False
  - Numeric: int, float, and complex
  - String (str): 'myStr', "myStr"