

Python Contents

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O3 Strings & Conditional statement

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Lists, Tuples, Dictionary & Set

Object-Oriented Programming.





Our learning Process

Process Number 01
Theory
Concepts

Process Number 02

Code

Process Number 03
Practice
Questions





By learning and using Python, you can explore various fields like:

Filed 01

Machin
Learning

Filed 02

Data Science

Filed 03
Artificial
Intelligence





Tools

Python

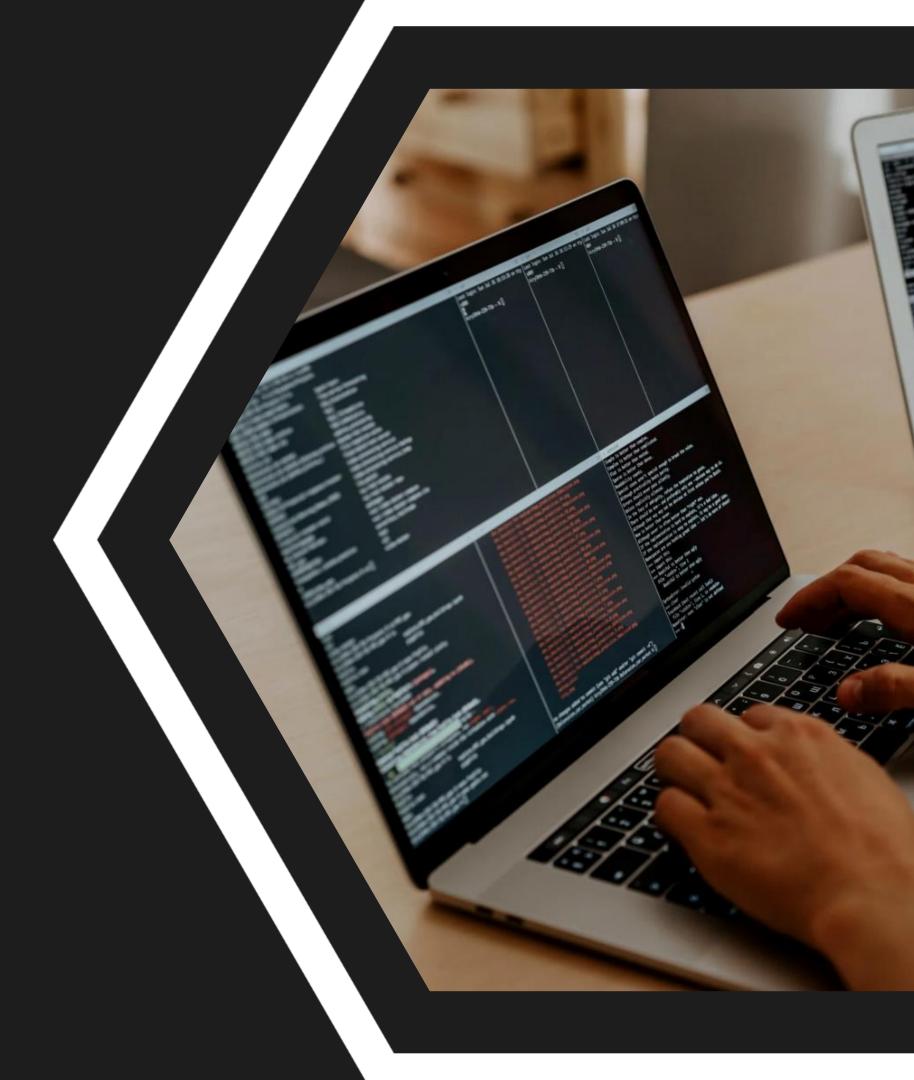
Python software refers to tools and applications built using the Python programming language.

Download

PyCharm

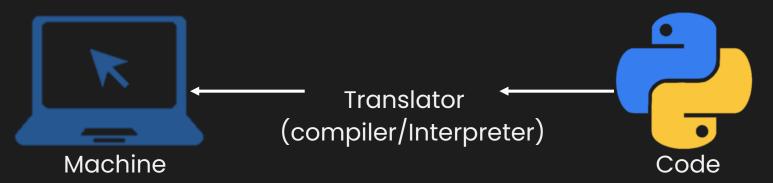
PyCharm is an integrated development environment (IDE) for Python programming, designed by JetBrains.

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What is Programming?







What is Python?

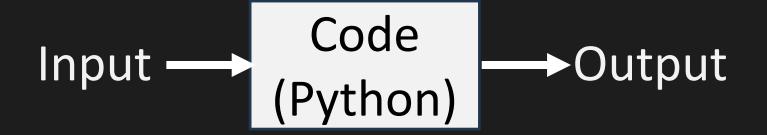
- > Python is simple & easy
- > Free & Open Source
- > High Level Language
- > Developed by Guido van Rossum
- > Portable

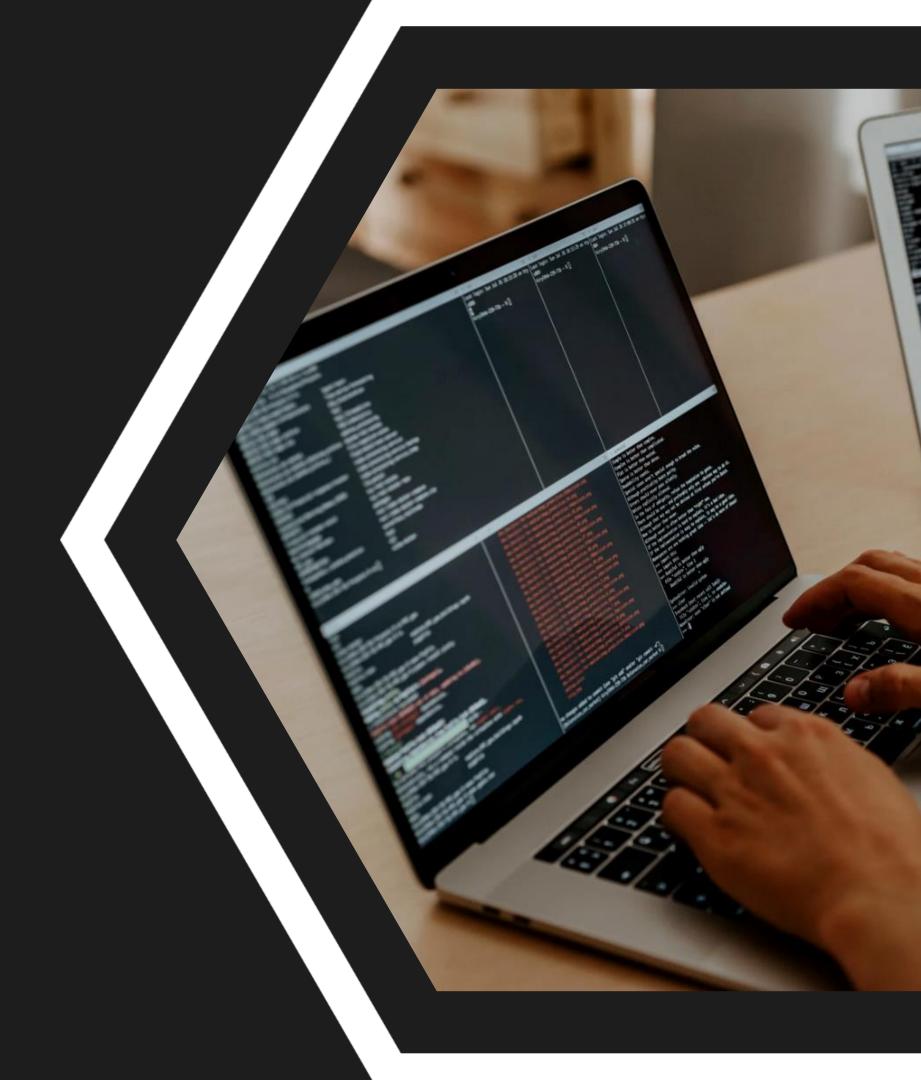




Our First program

print("Hello World")







Python Character Set

- Letters A to Z, a to z
- ➤ Digits 0 to 9
- Special Symbols + * / etc.
- Whitespaces Blank Space, tab,
 carriage return, newline, formfeed
- Other characters Python can process all ASCII and Unicode characters as part of data or literals



Program

print("Ariful islam is my
name.")
print("my age is 26.")





Variables

A variable is a name given to a memory location in a program.

name = "Ariful islam"

age = 23

price = 25.99





Memory



name = "Ariful Islam"

age = 23

price = 25.99



Rules for Identifiers

- Identifiers can be combination of uppercase and lowercase letters, digits or and underscore (_).
 So myVarible, variable_1, varible_for_print all are valid python identifiers
- 2. An Identifier can not start digit, so while variable1 is valid, 1variable is not valid.
- 3. We Can't use special symbols like !,#,@,&,^ etc. in out identifier.
- 4. Identifier can be of any length.





Data Types

- Integers
- String
- Float
- Boolean
- None





Data Types

Print(type(name))

