



Fundamentals of Python

What is Programming?

- Writing computer code to create a program.
- Program is used to create Website and Software.
- It is a **skill** that you can learn *only* by programming!
- In this course, you will learn the basics of programming using **Python**.
- Programming languages have a lot of things in common. If you know how to program in one language, it is easy to learn other languages.

What is Python?

- Python is a **high level** programming language, which is used to write programs.
- Interpreted (converted into bytecode) language.
- Object-Oriented and Dynamic Language.

Why Python?

- Beginner friendly
- Easy to learn, even from scratch
- Used to develop Website and Software
- Machine Learning
- Data Analysis

1.1 Integrated Development Environment (IDE)

IDE: Integrated Development Environment (IDE) is a computer software/tool/editor that you use to write Python programs.



PyCharm

Link: https://download.jetbrains.com/python/pycharm-community-2022.2.3.exe?_ga=2.170127911.687744410.1715364226-751912844.1709402593&_gl=1*t86z50*_ga*NzUxOTEyODQ0LjE3MDk0MDI1OTM.*_ga_9J976DJZ68*MTcxNTM2NDIyNS4yLjEuMTcxNTM2NDI4NS4wLjAuMA..