

Python Complete Course

Q) What is programming?
we use

Ans) just Like ²a urdu or English to communicate with each others, we use a programming language like python to communicate with the computer.

python is a way to instruct the computer to perform various tasks.

Q) What is python?

Ans) python is a simple & easy to understand language which feels like reading simple English. This pseudo code nature of python makes it easy to learn & understandable by beginners.

Features of python

- * Easy to understand → less development time
- * Free & open source
- * High Level Language

* portable → works on Linux/Windows/Mac

Chapter no #1

Modules

A module is a file containing code written by somebody else (usually) which can be imported & use in our program

Types of Modules

* Built in Module : pre installed in python

Ex: Math Module (For Mathematical Functions)

The module provides mathematical functions like square root, factorial, trigonometry.

* External Module : Need to install using
pip

Ex: np, pandas, flask, etc

Q) What is Repl in python?

Ans) REPL Stands for Read-Eval-Print loop. it is an interactive programming environment that allow user to enter python commands & see the results immediately

Breaking Down REPL:

- * Read → Take user input (python command):
- * Eval → Evaluates (executes) the command
- * Print → Display the output
- * loop → Repeats the process until the user exists.

Comments

Comments are used to write something which ignores the browser.

Types of Comments

1) Single Line Comment :- #

2) Multi Line Comment :- " " "