**5 Parts for to become ‘Python’ Hero**

Part 1:

1. What is programming
2. Types of programming Languages
3. How programs run, what is its backend logic
4. IDE/IDLE Difference
5. Python programming to achieve IT goals

Answers:

1. What is programming: Process of creating set of instructions that tells, a computer how to perform a task.

5 STEPS

* 1. Planning
  2. Selecting materials
  3. Construction (Coding)
  4. Debugging/Testing
  5. Up grade

1. Types of programming Languages: 2 Types of programming languages
   * 1. High Level: Programmer friendly, Require compiler and interpreter, portable ex: java, Python
     2. Low Level: Machine language, defined CPU required e: assembly language
2. How programs run, what is its backend logic: Compiler (C, C++) (Machine code conversion before execution) and Interpreters (Python, Ruby) (step by step) used.
3. IDE/IDLE Difference: Integrated Development Environment / Learning

IDE for C, C++, Java- Code editor- Vs codes, eclipse

IDLE for small Python projects- Text editor- comes with Python

1. Python programming to achieve IT goals

High level, OOP, dynamically typed, Interpreted

Extensive Libraries: