

Python Assignment & Tutorial - I

Assignment Questions - Part - 1

1. What are the history, key features, and benefits of Python programming language?
2. What is an interactive Python shell? What is the importance of indentation in Python programs?
3. Explain type conversion in Python. Demonstrate explicit type conversion through a Python program.
4. What are various operators in Python and briefly describe them. Summarize precedence and associativity of mathematical operators in Python.
5. List and explain several data types available in Python programming. Explain in detail about primitive data types in Python using examples.

Assignment Questions - Part - 2

6. What is Program Development Life Cycle? List and explain all the phases of PDLC.
7. Write a brief comparison between a compiler and an interpreter. Explain the process flow of execution of a python program using an interpreter.
8. Describe Input, Processing, and Output in Python with an example program.
9. What are reserved keywords in Python and explain any 5 keywords with an example? What are identifiers and the rules to create identifiers in Python?
10. What are built-in and external functions in Python? Explain how to use modules in Python.