Programming in Python Assignment -1 Dated: 10/03/2025

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Q.1 What is Python? Explain its main features and application areas.

Q.2 Explain various Python tokens with suitable examples.

Q.3 Explain various built-in data types available in Python.

Q.4 What is variable? Explain how we create and access various types of variables in Python?

Q.5 What are naming conventions? Why they are important?

Q.6 What is type casting? Briefly explain various type-casting functions available in Python.

Q.7 Write a Python script to perform various arithmetic operations on two numbers entered by the user.

Q. 8 What is Escape Sequence? Explain various Escape Sequences available in Python.

Q. 9 Briefly explain type() and memoryview() functions.