

# Python Programming Concepts and Data Structures

1. Describe the general structure of a Python program. What are the key components that make up a Python script?
2. Explain the difference between a list and a dictionary in Python. Provide an example of each.
3. Explain how branching (conditional statements) and loops (cycles) are implemented in Python. Provide an example of each.
4. Write a Python function that takes an integer as input and returns whether the number is prime. Use a loop in your implementation.

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