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**Q9-10 are ASSERTION AND REASONING based questions. Mark the correct choice as**

9. **Assertion (A):** Python supports multiple execution modes.

**Reason (R):** Interactive mode allows the user to enter and execute one statement at a time, while script mode allows the user to run a file containing multiple statements.

10. **Assertion (A):** A dictionary is a mapping of keys to values.

**Reason (R):** A dictionary can be created by using curly braces and colon separated pairs of keys and values.

## Section B

**Solve any 5 questions. (2 Marks each)**

11. Write a program that return True if the input number is an even number, False otherwise.
12. Write a python program that accepts two integers from the user and print a message saying if first number is divisible by second number or if it is not.
13. Differentiate between mutable and immutable objects in Python language with example.
14. What are data types? What are Python's built-in core data types? Give example of each.
15. How are lists different from strings when both are sequences? Explain with example.
16. Write a program to accept values from a user in a tuple. Add a tuple to it and display its elements one by one. Also display its maximum and minimum value.