- 1. What is List? How will you reverse a list?
 -> A list is a mutable, ordered collection of items in Python. It can contain elements of different data types.
 Reverse a list: Use list.reverse() to reverse the list in place, or reversed list = list[::-1] to create a reversed copy.
- 2. Differentiate between append () and extend () methods?
 ->append(): Adds a single element to the end of the list.
 extend(): Adds elements from another iterable (e.g., list, tuple) to the end of the list.
- 3. How will you compare two lists?
 -> Compare two lists using == to check if they are equal in both order
 and content. Use != to check if they are different.
- 4. What is tuple? Difference between list and tuple.
 -> A tuple is an immutable, ordered collection of items in Python.
 Difference:

List: Mutable, allows modifications.

Tuple: Immutable, cannot be modified after creation

- 5. How will you create a dictionary using tuples in python?
 -> Use a list of key-value tuples: dict([('key1', 'value1'), ('key2', 'value2')]).
- 6. How Do You Traverse Through A Dictionary Object In Python?
 -> Use a for loop: for key in dict to iterate over keys, for value in dict.values() for values, or for key, value in dict.items() for key-value pairs.
- 7. How Do You Check The Presence Of A Key In A Dictionary? -> Use the in keyword: if key in dict.
- 8. Why Do You Use the Zip () Method in Python?-> zip() pairs elements from multiple iterables (e.g., lists, tuples) together into tuples, creating an iterator of these tuples.
- 9. How Many Basic Types Of Functions Are Available In Python? -> Two basic types:
 Built-in functions (e.g., print(), len()).
 User-defined functions created using the def keyword.