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WHAT IS NESTED LIST ?

A nested list in Python is a list that contains other lists as its elements. This allows for hierarchical or multi-dimensional data storage.

APPLICATIONS OF NESTED LIST

- 1. Storing Tabular Data: Nested lists are commonly used to store matrix like data, such as spreadsheet or a grid of values
- Example: representing matrix
- `_Matrix=[1, 2, 3]`
- 2. Multidimensional Game Board: Nested list can represent a game Board where each row is a list inside a larger list.
- Example: Tic-Tac-Toe Board
- `[x, o, x]`

KEY CONCEPTS OF NESTED LIST

- Creating a Nested list: A nested list is defined using square brackets.
- Accessing elements in a nested list: Use indexing to retrieve elements from nested structure
- Modifying elements in nested list: You can change individual element just like normal list