[Day-2 2211cs020196]Create a List, tuple and Dictionary with 5 elements in it and how to access few elements based on the index. Try with different examples

```python
In [1]:
 1  # Creating a List with 5 elements
 2  my_list = [10, 20, 30, 40, 50]
 3  print("List:", my_list)
 4  print("Element at index 2 in List:", my_list[2])
 5  print("Element at index -1 in List:", my_list[-1])
 6  print("Element at index 0 in List:", my_list[0])
 7
 8  # Creating a Tuple with 5 elements
 9  my_tuple = (1.5, 2.5, 3.5, 4.5, 5.5)
10  print("\nTuple:", my_tuple)
11  print("Element at index 1 in Tuple:", my_tuple[1])
12  print("Element at index -2 in Tuple:", my_tuple[-2])
13  print("Element at index 4 in Tuple:", my_tuple[4])
14
15
16  # Creating a Dictionary with 5 elements
17  my_dict = {
18      'name': 'Alice',
19      'age': 25,
20      'city': 'New York',
21      'job': 'Engineer',
22      'is_student': False
23  }
24  print("\nDictionary:", my_dict)
25  print("Value for 'name' key in Dictionary:", my_dict['name'])
26  print("Value for 'age' key in Dictionary:", my_dict['age'])
27  print("Value for 'city' key in Dictionary:", my_dict['city'])
28
```

```
List: [10, 20, 30, 40, 50]
Element at index 2 in List: 30
Element at index -1 in List: 50
Element at index 0 in List: 10

Tuple: (1.5, 2.5, 3.5, 4.5, 5.5)
Element at index 1 in Tuple: 2.5
Element at index -2 in Tuple: 4.5
Element at index 4 in Tuple: 5.5

Dictionary: {'name': 'Alice', 'age': 25, 'city': 'New York', 'job': 'Enginee
r', 'is_student': False}
Value for 'name' key in Dictionary: Alice
Value for 'age' key in Dictionary: 25
Value for 'city' key in Dictionary: New York
```