

## [Day-1 2211cs020206]Create a list,tuple and dictionary with 5 elements in it and how to access few elements based on the index.trywith different examples

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In [1]: 1 my_list = [10, 20, 38, 40, 58]
2 print("List:", my_list)
3 print("Element at index 2 in List:", my_list[2])
4 print("Element at index -1 in List:", my_list[-1])
5 my_tuple = (1.5, 2.5, 3.5, 4.5, 5.5)
6 print("\nTuple:", my_tuple)
7 print("Element at index 1 in Tuple:", my_tuple[1])
8 print("Element at index -2 in Tuple:", my_tuple[-2])
9 print("Element at index 4 in Tuple:", my_tuple[4])
10 my_dict = {
11     'name': "Alice",
12     'age': 25,
13     'city': "New York",
14     'job': "Engineer",
15     'is_student': False
16 }
17 print("\nDictionary:", my_dict)
18 print("Value for 'name' key in Dictionary:", my_dict['name'])
19 print("Value for 'age' key in Dictionary:", my_dict['age'])
20 print("Value for 'city' key in Dictionary:", my_dict['city'])
```

List: [10, 20, 38, 40, 58]  
Element at index 2 in List: 38  
Element at index -1 in List: 58

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': 'Engineer', '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

In [ ]:

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