

W5. Lists

1. What are lists?

2. Make a list that contains 4 items (names of your favorite food).

3. What will happen when we run this code?

```
thislist = ["apple", "banana", "cherry"]  
print(len(thislist))
```

4. Which item has the index 3 and which one has the index -3?

```
thislist = ["apple", "banana", "cherry", "orange", "kiwi", "melon", "mango"]  
thislist[3] = _____ thislist[-3] = _____
```

5. What will be the result after we run this code?

```
thislist = ["apple", "banana", "cherry", "orange", "kiwi", "melon", "mango"]  
print(thislist[:4])
```

6. What is the result after we run this code?

```
thislist=("apple","banana","cherry","tomato")  
if "Apple" in thislist:  
    print("Apple is in the list")  
else:  
    print("Apple is not in the list")
```