

**Purpose:** Code Completion

**Learning outcomes:** 1, 2 and 3

**Time:** submit before 5pm Friday of Week 10.

**Resources:** MyLO: lecture notes and tutorial materials

**Description:**

*Your final task relates back to Python. A famous sketch is set in a cheese cake shop, but unfortunately the automated script teleprompter is having issues due to some lines of code being deleted. You must fix this.*

**Task:**

Your task is to insert corrections to the 4 code examples below.

In a python source code document, for each program:

1. type in the program exactly as specified (but do not include the starting line numbers!)
2. insert the correct code at the line indicated to produce the required output - you must only add code to the specified line(s) and no other.

### Question 1: Your single line of code is to be inserted at line 2:

**Code:**

```
1 i = 0
2
3 print("Do you sell cheese cake",i,"here?")
4 i = i + 1
```

**Output:**

```
Do you sell cheese cake 0 here?
Do you sell cheese cake 1 here?
Do you sell cheese cake 2 here?
Do you sell cheese cake 3 here?
Do you sell cheese cake 4 here?
```

### Question 2: Your single line of code is to be inserted at line 1:

**Code:**

```
1
2 print("This is a cheese cake shop sir",i)
```

**Output:**

```
This is a cheese cake shop sir 0
This is a cheese cake shop sir 1
This is a cheese cake shop sir 2
This is a cheese cake shop sir 3
This is a cheese cake shop sir 4
```

### Question 3: Your single line of code is to be inserted at line 7:

**Code:**

```
1 cheeses = ["Original","Lemon","Strawberry","Peanut"]
2 replies = ["Sorry", "No", "No", "Yes sir.. No"]
3
4 j = 0
5 for i in cheeses:
```

```
6     print("Do you have any ",i,"?",sep='')
7
8     j = j + 1
```

**Output:**

```
Do you have any Original?
Sorry
Do you have any Lemon?
No
Do you have any Strawberry?
No
Do you have any Peanut?
Yes sir.. No
```

**Question 4: Your two lines of code are to be inserted at lines 4 and 12:****Code:**

```
1 cheeses = ["Original","Lemon","Strawberry","Peanut"]
2 print("Welcome to the cheese cake shop.")
3 choice = input("Enter cheese: ").lower()
4
5 while found != True:
6     for cheese in cheeses:
7         if choice.find(cheese) != -1:
8             found = True
9
10    if found == False:
11        print("No, we don't have that.")
12
13    else:
14        print("Yes, we have that!")
```

**Output: (example user input shown after the Enter cheese: prompts)**

```
Welcome to the cheese cake shop.
Enter cheese: Chocolate
No, we don't have that.
Enter cheese: Banana
No, we don't have that.
Enter cheese: Lemon
Yes, we have that!
```

**Submission Details**

Upload the following to the MyLO submission folder for this task:

1. Your python source code containing your answers to the questions above

**Assessment Criteria**

A completed submission must:

1. Identify all lines of code to be inserted correctly
2. Produce the required output as indicated in each question