

## Loops

```
10 # Function to get price of selected item
11 def get_price(item):
12     usage
13     prices = {
14         "Mexican Pizza": 5.49,
15         "Taco": 1.99,
16         "Mexican Potatoes": 1.45,
17         "Nacho's": 7.75
18     }
19     return prices.get(item, 0)
20
21 # Main program
22 def main():
23     print("Welcome to Taco Palace! Please view the menu below and make a selection.")
24
25     total = 0.0
26     orders = []
27
28     while True:
29         print_menu()
30         try:
31             choice = int(input("\nEnter your selection (1-5): "))
32         except ValueError:
33             print("Invalid input. Please enter a number between 1 and 5.")
34             continue
35
36         if choice == 1:
37             item = "Mexican Pizza"
38         elif choice == 2:
39             item = "Taco"
40         elif choice == 3:
41             item = "Mexican Potatoes"
42         elif choice == 4:
43             item = "Nacho's"
44         elif choice == 5:
45             break
46
47         orders.append(item)
48         total += get_price(item)
49
50     print(f"You ordered {', '.join(orders)}. Your total is ${total:.2f}.")
51     print("Process finished with exit code 0")
```

Run: Loops Assignment

```
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 2
You selected a Taco

Taco Palace Menu
1. Mexican Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 3
You selected a Mexican Potatoes

Taco Palace Menu
1. Mexican Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 5

You ordered Mexican Pizza, Taco, and a Mexican Potatoes. Your total is $8.93

Process finished with exit code 0
```

```
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42         elif choice == 4:
43             item = "Nacho's"
44         elif choice == 5:
45             break
46
47         orders.append(item)
48         total += get_price(item)
49
50     print(f"You ordered {', '.join(orders)}. Your total is ${total:.2f}.")
51     print("Process finished with exit code 0")
```

Run: Loops Assignment

```
C:\Users\jweth\OneDrive\Desktop\valencia\NEW\.venv\Scripts\python.exe "C:\Users\jweth\0
Welcome to Taco Palace! Please view the menu below and make a selection.

Taco Palace Menu
1. Mexican Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 3
You selected a Mexican Potatoes

Taco Palace Menu
1. Mexican Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 5

You ordered Mexican Potatoes. Your total is $1.45

Process finished with exit code 0
```

NEW Version control

Current File Run Loops Assignment

Loops Assignment.py

```
10
11 # Function to get price of selected item
12 def get_price(item): 1 usage
13     prices = {
14         "Mexican Pizza": 5.49,
15         "Taco": 1.99,
16         "Mexican Potatoes": 1.45,
17         "Nacho's": 7.75
18     }
19     return prices.get(item, 0)
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21 # Main program
22 def main(): 1 usage
23     print("Welcome to Taco Palace! Please view the menu below")
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39             item = "Taco"
40         elif choice == 3:
41             item = "Mexican Potatoes"
42         elif choice == 4:
43             item = "Nacho's"
44         elif choice == 5:
45             break
```

Run Loops Assignment

```
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 1
You selected a Mexican Pizza

Taco Palace Menu
1. Mexican Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 4
You selected a Nacho's

Taco Palace Menu
1. Mexican Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 5

You ordered Mexican Pizza and a Nacho's. Your total is $13.24

Process finished with exit code 0
```

Problems File Project Errors Vulnerable Dependencies

NEW Version control

Current File Run Loops Assignment

Loops Assignment.py

```
1
2 # Function to display the menu
3 def print_menu(): 1 usage
4     print("\nTaco Palace Menu")
5     print("1. Mexican Pizza")
6     print("2. Taco")
7     print("3. Mexican Potatoes")
8     print("4. Nacho's")
9     print("5. Quit")
10
11 # Function to get price of selected item
12 def get_price(item): 1 usage
13     prices = {
14         "Mexican Pizza": 5.49,
15         "Taco": 1.99,
16         "Mexican Potatoes": 1.45,
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28             item = "Mexican Pizza"
29         elif choice == 2:
30             item = "Taco"
31         elif choice == 3:
32             item = "Mexican Potatoes"
33         elif choice == 4:
34             item = "Nacho's"
35         elif choice == 5:
36             break
```

Run Loops Assignment

```
C:\Users\jweth\OneDrive\Desktop\valencia\NEW\.venv\Scripts\python.exe
Welcome to Taco Palace! Please view the menu below a

Taco Palace Menu
1. Taco Pizza
2. Taco
3. Mexican Potatoes
4. Nacho's
5. Quit

Enter your selection (1-5): 5

You did not order anything. Have a nice day!

Process finished with exit code 0
```

Problems File Project Errors Vulnerable Dependencies

No errors found by the IDE.  
Inspect Code...

C:\Users\jweth\OneDrive\Desktop\valencia\NEW\Loops Assignment.py 43:28 CRLF UTF-8 4 spaces Python 3.13 (NEW)