

The screenshot shows the PyCharm IDE interface for a project named 'PythonProject7'. The top toolbar includes icons for running, debugging, and version control. The left sidebar shows the project structure with folders like '.venv', 'bin', 'lib', and files like 'ok.py', 'pyvenv.cfg', 'resorder.py', 'Restaurant order.py', and 'yes.py'. The main editor displays the code for 'ok.py', which is a restaurant menu application. The code defines a 'menu()' function that prints a menu with 5 items (Tacos, Burrito, Nachos, Soft Drink, Quit) and a 'results()' function that takes user input, validates it, and calculates the total price. The Run console shows the output of the program, including the menu, user input (4, 2, 5), and the final total (\$9.00).

```
1 def menu():
2     print("Welcome to Taco Palace, please view the menu below and enter the number that represents your selection.")
3     print("Taco Palace Menu")
4     print("1. Tacos - $5.00")
5     print("2. Burrito - $7.50")
6     print("3. Nachos - $4.00")
7     print("4. Soft Drink - $1.50")
8     print("5. Quit")
9
10 def results():
11     order = []
12     prices = [5.00, 7.50, 4.00, 1.50]
13     total = 0
14     while True:
15         options = input("Enter the menu number of the item you'd like to order (or 'quit' to finish): ")
16         if options.lower() == 'quit':
17             break
18         elif options.isdigit() and 1 <= int(options) <= 4:
19             item = int(options) - 1
20             order.append(item)
21             total += prices[item]
22         elif options.isdigit() and int(options) == 5:
23             break
24         else:
25             print("Invalid selection. Please try again.")
26     return order, total
```

Run console output:

```
Taco Palace Menu
1. Tacos - $5.00
2. Burrito - $7.50
3. Nachos - $4.00
4. Soft Drink - $1.50
5. Quit
Enter the menu number of the item you'd like to order (or 'quit' to finish): 4
Enter the menu number of the item you'd like to order (or 'quit' to finish): 2
Enter the menu number of the item you'd like to order (or 'quit' to finish): 5

You ordered a Soft Drink, Burrito. Your total is $9.00
```