



Kabul University

Faculty of Information and Communication Technology

Information Science & Engineering Department

Python project: Simple Menu Ordering

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Project Description:

This project is developed using Python to simulate a basic and user-friendly food and drink ordering system. The user can choose from two separate menus (food and drinks), and the program will display the price of the selected items.

Key Components of the Project:

1. Dictionaries for Food and Drink Menus:

- Food Menu: Contains items and their prices.

Example: `menu_food = {"biryani": 250, "kabuli pulao": 300}`

- Drink Menu: Contains drink options and their prices.

Example: `menu_drinks = {"cola": 30, "water": 10}`

2. Tuple:

- Used to store fixed choices or display the main menu options (e.g., choosing between food or drinks).

Example: `options = ("food", "drinks")`

3. User Input:

- The program asks the user whether they want to order food or drinks, then lets them choose from the respective menu.

4. Validation of Selection:

- Uses conditions to check if the selected item is available in the menu.

5. Display Output:

- Shows the price of the selected item and prints a thank-you message at the end.

Educational Objectives:

- Learn how to use(dictionaries) to store structured data.
- Use(tuples) to handle fixed sets of options.
- Practice(taking input) from users and using (conditional logic).
- Build a simple but practical ordering system.

The code of this project on the bottom page:

```

print("=====")
print("          welcome to bostan resturant          ")
print("=====")
print("NO      |      FOOD ITEM      |      PRICE af")
print("=====")
print("1      |  chicken biryani      |      250 AFN  ")
print("2      |  kabuli pulao      |      300 AFN  ")
print("3      |  muntooo      |      400 AFN  ")
print("4      |  kabab      |      350 AFN  ")
print("5      |  chapli kabab      |      200 AFN  ")
print("6      |  bread      |      10  AFN  ")
print("=====")

foods={
    1: ("chicken biryani",250),
    2: ("kabuli pulao",300),
    3: ("muntooo",400),
    4: ("kabab",350),
    5: ("chapli kabab",200),
    6: ("bread",10),
}

choice1=int(input("enter your food choice:"))
food_name,food_price= foods [choice1]
print(f"your food name is {food_name}.you have to pay {food_price}.")

print("=====")
print("          welcome to the 2nd choice (drinks)          ")
print("=====")
print("NO      |      ITEM      |      PRICE af")
print("=====")
print("1      |  cola      |      30 af  ")
print("2      |  fruit      |      80 af  ")
print("3      |  water      |      10 af  ")
print("4      |  green tea      |      40 af  ")
print("=====")

drinks={
    1: ("cola",30 ),
    2: ("fruit",80),
    3: ("water",10),
    4: ("green tea",40),
}

choice1=int(input("enter your drink choice:"))
drink_name,drink_price=drinks[choice1]
print(f"your 2nd order is {drink_name}.you have to pay {drink_price}.")
total=food_price+drink_price
print("=====")
print(f"your total  bill is {total} af.")
print("=====")

```

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print("         welcome to bostan restaurant ")
print("=====")
print("NO | FOOD ITEM | PRICE af")
print("=====")
print("1 | chicken biryani | 250 AFN ")
print("2 | kabuli pulao | 300 AFN ")
print("3 | muntooo | 400 AFN ")
print("4 | kabab | 350 AFN ")
print("5 | chapli kabab | 200 AFN ")
print("6 | bread | 10 AFN ")
print("=====")

foods={
    1: ("chicken biryani",250),
    2: ("kabuli pulao",300),
    3: ("muntooo",400),
    4: ("kabab",350),
    5: ("chapli kabab",200),
    6: ("bread",10),
}
choice1=int(input("enter your food choice:"))
food_name,food_price= foods [choice1]
print(f"your food name is {food_name}.you have to pay {food_price} af")

print("=====")
print("         welcome to the 2nd choice (drinks) ")
print("=====")
print("NO | ITEM | PRICE af")
print("=====")
print("1 | cola | 30 af ")
print("2 | fruit | 80 af ")
print("3 | water | 10 af ")
print("4 | green tea | 40 af ")
print("=====")

drinks={
    1: ("cola",30 ),
    2: ("fruit",80),
    3: ("water",10),
    4: ("green tea",40),
}
choice1=int(input("enter your drink choice:"))
drink_name,drink_price=drinks[choice1]
print(f"your 2nd order is {drink_name}.you have to pay {drink_price} af")
total=food_price+drink_price
print("=====")
print(f"your total bill is {total} af.")
print("=====")

PS C:\Users\king kamran>
```

Out Put