bot ordering pizza

```
import pandas as pd
```

```
## pizza menu
pizza_menu = pd.DataFrame({
    "menu_id": [1, 2, 3, 4],
    "pizza_name": ["Margherita", "Pepperoni", "Hawaiian", "Vegetarian"],
    "pizza_price": [20 , 25, 35, 45]
})

pizza_menu
```

	menu_id	pizza_name	pizza_price
0	1	Margherita	20
1	2	Pepperoni	25
2	3	Hawaiian	35
3	4	Vegetarian	45

Next steps: Generate code with pizza_menu | View recommended plots | New interactive sheet

```
# Drink menu
drink_menu = pd.DataFrame({
    "menu_id": [1, 2, 3, 4],
    "drink_name": ["Pepsi", "Coke", "Fanta", "Sprite"],
    "drink_price": [4, 8, 6, 2]
})

drink_menu
```

	menu_id	drink_name	drink_price
0	1	Pepsi	4
1	2	Coke	8
2	3	Fanta	6
3	4	Sprite	2

Next steps: Generate code with drink_menu | View recommended plots | New interactive sheet

```
## bot ordering pizza

def check_bill(selected_pizza_row, selected_drink_row):
    """
    Calculates and prints the total bill based on the selected items.
    """
    # Extract the name and price from the DataFrame rows
    pizza_name = selected_pizza_row['pizza_name'].iloc[0]
    pizza_price = selected_pizza_row['pizza_price'].iloc[0]

    drink_name = selected_drink_row['drink_name'].iloc[0]
    drink_price = selected_drink_row['drink_price'].iloc[0]

    # Calculate the total price
    total_price = pizza_price + drink_price

    print("\n-------------------------")
    print("Your Final Bill")
    print("-------------------------")
    print(f"Pizza: {pizza_name} - ${pizza_price}")
    print(f"Drink: {drink_name} - ${drink_price}")
    print(f"Total: ${total_price}")
    print("-------------------------")
    print("Enjoy your meal! 😊")


def bot_pizza():
```

```
    print("Hello! Welcome to Pizza Pie Palace. Let's get cheesy!")
    print("Pizza Menu: Let them choose ")
    print(pizza_menu)
    cost = 0

    # Loop for pizza_choice
    while True:
        try:
            pizza_choice = int(input("Please select your pizza (enter the menu_ID): "))

            if pizza_choice in pizza_menu['menu_id'].values:
                selected_pizza_row = pizza_menu[pizza_menu['menu_id'] == pizza_choice]
                break
            else:
                print("Invalid pizza choice. Please try again.")
        except ValueError:
            print("Invalid input. Please enter a number.")

    print("\n")
    print("Drink Menu: Please choose ")
    print(drink_menu)

    # Loop for drink_choice
    while True:
        try:
            drink_choice = int(input("Please select your drink (enter the menu_ID): "))

            if drink_choice in drink_menu['menu_id'].values:
                selected_drink_row = drink_menu[drink_menu['menu_id'] == drink_choice]
                break
            else:
                print("Invalid drink choice. Please try again.")
        except ValueError:
            print("Invalid input. Please enter a number.")

    # Call the new function to check the bill after both choices are made
    check_bill(selected_pizza_row, selected_drink_row)
```

```
bot_pizza()
```

```
Hello! Welcome to Pizza Pie Palace. Let's get cheesy!
Pizza Menu: Let them choose
   menu_id  pizza_name  pizza_price
0        1  Margherita           20
1        2   Pepperoni           25
2        3    Hawaiian           35
3        4  Vegetarian           45
Please select your pizza (enter the menu_ID): 2


Drink Menu: Please choose
   menu_id drink_name  drink_price
0        1      Pepsi            4
1        2       Coke            8
2        3      Fanta            6
3        4     Sprite            2
Please select your drink (enter the menu_ID): 3

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Your Final Bill
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Pizza: Pepperoni - $25
Drink: Fanta - $6
Total: $31
-------------------------
Enjoy your meal! 😊
```

Start coding or generate with AI.