**Pizza Ordering Console**

**Project Background:**

Pizza is one of the world's favorite foods, loved by people of all ages. The pizza industry has evolved significantly, with various flavors and toppings to choose from. To streamline the pizza ordering process and provide an interactive and customized experience for users, we've developed the Pizza Ordering Console project in Python.

This project is designed to simulate a simplified version of a real-world pizza ordering system. Users can interact with the console application, choose their pizza size, toppings, and extras, and receive an order summary. It's an excellent way to apply your Python programming skills to create a practical and enjoyable project.

**Project Description:**

**Project Overview:**

The Pizza Ordering Console is a Python application that allows users to customize and place pizza orders through a command-line interface. Users can select pizza size, crust type, toppings, and additional items such as drinks or desserts. The program calculates the order total and provides a summary of the order.

**Source code:**

**Program:**

*# python 3.7.1*s\_p = 100  
m\_p = 200  
l\_p = 300  
pep\_s = 20  
pep\_ml = 30  
cheese = 20  
bill = 0  
print("Welcome to D's Pizza Hut","\N{winking face}")  
print("------------\*-----------")  
print("If you want to order pizza means here is the menu for u:")  
print("------------\*-----------")  
print("Smaller Pizza: Rs.100", "User Code = S")  
print("Medium Pizza: Rs.200", "User Code = M")  
print("Larger Pizza: Rs.300", "User Code = L")  
print("------------\*-----------")  
print("Note:Cheese will be added when you add pepperoni!!!")  
print("------------\*-----------")  
pizza = str(input("Do you want to order pizza(Y/N)?"))  
if (pizza == 'Y' or pizza == 'y'):  
 t\_pizza = str(input("What kind of pizza (S/M/L)?"))  
 if (t\_pizza == 'S' or t\_pizza == 's'):  
 bill = bill + s\_p  
 print("Your order is recorded!!")  
 print("------------------------------")  
 print(f"Your bill amount is Rs.{bill}")  
 print("------------------------------")  
 toppings = str(input("Do you want to add pepperoni(Y/N)?"))  
 if (toppings == 'Y' or toppings == 'y'):  
 bill = bill + pep\_s  
 print("------------------------------")  
 print(f"Total= Pizza + pepperoni = Rs.{bill}")  
 print("------------------------------")  
 cheesy = str(input("Do you want to add extra cheese?(Y/N)"))  
 if (cheesy == 'Y' or cheesy == 'y'):  
 bill = bill + cheese  
 print("------------------------------------------------")  
 print(f"Total= Pizza + pepperoni + cheese = Rs.{bill}")  
 print("------------------------------------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
 else:  
 print("------------------------------------")  
 print(f"Total= Pizza + pepperoni = Rs.{bill}")  
 print("------------------------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
  
 else:  
 print("------------------")  
 print(f"Total = Rs.{bill}")  
 print("------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
  
  
 elif (t\_pizza == 'M' or t\_pizza == 'm'):  
 bill = bill + m\_p  
 print("Your order is recorded!!")  
 print("------------------------------")  
 print(f"Your bill amount is Rs.{bill}")  
 print("------------------------------")  
 toppings = str(input("Do you want to add pepperoni(Y/N)?"))  
 if (toppings == 'Y' or toppings == 'y'):  
 bill = bill + pep\_ml  
 print("------------------------------")  
 print(f"Pizza + pepperoni = Rs.{bill}")  
 print("------------------------------")  
 cheesy = str(input("Do you want to add extra cheese?(Y/N)"))  
 if (cheesy == 'Y' or cheesy == 'y'):  
 bill = bill + cheese  
 print("----------------------------------------------")  
 print(f"Total: Pizza + pepperoni + cheese = Rs.{bill}")  
 print("----------------------------------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
 else:  
 print("------------------------------------")  
 print(f"Total: Pizza + pepperoni = Rs.{bill}")  
 print("------------------------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
 else:  
 print("------------------")  
 print(f"Total = Rs.{bill}")  
 print("------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
  
  
  
 elif (t\_pizza == 'L' or t\_pizza == 'l'):  
 bill = bill + l\_p  
 print("Your order is recorded")  
 print(f"Your bill amount is Rs.{bill}")  
 toppings = str(input("Do you want to add pepperoni(Y/N)?"))  
 if (toppings == 'Y' or toppings == 'y'):  
 bill = bill + pep\_ml  
 print("------------------------------------")  
 print(f"Pizza + pepperoni = Rs.{bill}")  
 print("------------------------------------")  
 cheesy = str(input("Do you want to add extra cheese?(Y/N)"))  
 if (cheesy == 'Y' or cheesy == 'y'):  
 bill = bill + cheese  
 print("----------------------------------------------")  
 print(f"Total: Pizza + pepperoni + cheese = Rs.{bill}")  
 print("----------------------------------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
 else:  
 print("------------------------------------")  
 print(f"Total: Pizza + pepperoni = Rs.{bill}")  
 print("------------------------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
 else:  
 print("------------------")  
 print(f"Total = Rs.{bill}")  
 print("------------------")  
 print("Have a delicious snack and enjoy it!!!","\N{winking face}")  
  
  
else:  
 print("There will be other snacks for you...you can try that")  
 print("Have a delicious snack and enjoy it!!!")  
  
  
**Key Features:**

**User-Friendly Interface**: The console-based interface makes it easy for users to navigate and place orders.

**Customizable Orders:** Users can choose from various pizza sizes, crust types, toppings, and extras to create their perfect pizza.

**Pricing Calculation:** The program calculates the total cost of the order, considering the selected items.

**Order Summary**: After customizing their order, users receive a detailed summary of their selections and the total cost.

**Order History:** The application maintains a record of previous orders for reference.

**How to Place an Order:**

* Run the Python script.
* Follow the on-screen prompts to customize your pizza order.
* Select the pizza size, crust type, toppings, and any additional items.
* The program calculates the total cost and provides an order summary.
* Confirm the order, and it will be saved in the order history.

**Why this project?**

* It's a practical application of Python programming that simulates real-world ordering systems.
* It's a versatile project that can be expanded to include more features, like payment processing or delivery scheduling.
* It's a fun project that can be shared with friends and family, and it's a great way to learn about handling user input and data manipulation in Python.

**Future Enhancements:**

* Implement a payment processing system for realistic ordering.
* Add user authentication and account management features.
* Integrate delivery or pickup options.