🗒️🖉HW01 - chatbot to order pizza 🍕 🍕

```
def order_pizza():
    order_pizza = []
    topping = ("Bacon cheesy", "bacon cheesy", "Chicken green curry", "chicken green curry", "Ha
    pizza_size = ("Small", "small", "s", "S", "Medium", "medium", "m", "M", "Large", "large", "l
    print("""This is Damina Pizza. We have 5 toppings pizza.
    1.Bacon cheesy
    2.Chicken green curry
    3.Hawaiian
    4.Spicy chicken
    5.Pepperoni""")
    print("Type 'exit' to exit.")

    while True:
        pizza = input("- What topping would you like to order today? ")
        if pizza == "exit":
            if len(order_pizza) == 0:
                return "thank you for coming"
            else:
                return order_pizza

        elif pizza in topping:
            size = input("- What size please? Small, Medium, Large: ")
            order_pizza.append(size)
            if size in pizza_size:
                crust = input("- What type of pizza crust do you like? Hand-tossed, Thin: ")
                order_pizza.append(crust)

        else:
            return """you are typing the wrong word. Please kindly check it, Make sure you typed

        order_pizza.append(pizza)
        return f"your order is {size} size {pizza} {crust} crust."
```

```
order_pizza()
```

```
This is Damina Pizza. We have 5 toppings pizza.
    1.Bacon cheesy
    2.Chicken green curry
    3.Hawaiian
    4.Spicy chicken
    5.Pepperoni
Type 'exit' to exit.
- What topping would you like to order today? Spicy chicken
- What size please? Small, Medium, Large: L
- What type of pizza crust do you like? Hand-tossed, Thin: Thin
'your order is L size Spicy chicken Thin crust.'
```

```
order_pizza()
```

```
This is Damina Pizza. We have 5 toppings pizza.
    1.Bacon cheesy
    2.Chicken green curry
    3.Hawaiian
    4.Spicy chicken
    5.Pepperoni
Type 'exit' to exit.
- What topping would you like to order today? exit
```

```
1 order_pizza()
```

```
This is Damina Pizza. We have 5 toppings pizza.
    1.Bacon cheesy
    2.Chicken green curry
    3.Hawaiian
    4.Spicy chicken
    5.Pepperoni
Type 'exit' to exit.
- What topping would you like to order today? bacon
'you are typing the wrong word. Please kindly check it, Make sure you typed order
s correctly and then try again.'
```

```
1
```

😨✊ HW02 - pao ying chob ✋✌😝

```
1 #!pip install emoji
2 import emoji
3 import random
```

```
1 def play_game():
2
3     print("""Let's Play Pao Ying Chub! Together 🥳
4     type h = 'Hammer'
5     type s = 'Scissor'
6     type p = 'Paper'
7     and you can type 'exit' to exit game""")
8     options = ["h", "s", "p"]
9     user_score = 0
10    com_score = 0
11
12    while True:
13        user_selected = input("puk ka pao ying chub! ")
14        com_selected = random.choice(options)
15
16        if user_selected == com_selected:
17            user_score += 0
18            com_score += 0
19            print("this round is tie!")
20            print(f"your score = {user_score}")
21            print(f"computer score = {com_score}")
22
23        elif (user_selected == "h" and com_selected == "s") or (user_selected == "s" and com_sel
24            user_score += 1
```

```
            com_score += 0
            print("you win😝 this round")
            print(f"your score = {user_score}")
            print(f"computer score = {com_score}")

        elif (user_selected == "h" and com_selected == "p") or (user_selected == "s" and com_sel
            user_score += 0
            com_score += 1
            print("you lose😨 this round")
            print(f"your score = {user_score}")
            print(f"computer score = {com_score}")

        elif user_selected == "exit":
            if user_score == com_score:
                print (f"your score: {user_score}")
                print (f"computer score: {com_score}")
                return "Thank for playing Tie!!"
            elif user_score > com_score:
                print (f"your score: {user_score}")
                print (f"computer score: {com_score}")
                return "Thank for playing You are Winner"
            elif user_score < com_score:
                print (f"your score: {user_score}")
                print (f"computer score: {com_score}")
                return "Thank for playing You are Loser"
            break

        else:
            return "⚠Something Wrong Please Try Again⚠"
```

```
play_game()
```

```
Let's Play Pao Ying Chub! Together 🥳
    type h = 'Hammer'
    type s = 'Scissor'
    type p = 'Paper'
    and you can type 'exit' to exit game
puk ka pao ying chub! p
you win😝 this round
your score = 1
computer score = 0
puk ka pao ying chub! h
you win😝 this round
your score = 2
computer score = 0
puk ka pao ying chub! s
you lose😳 this round
your score = 2
computer score = 1
puk ka pao ying chub! s
this round is tie!
your score = 2
computer score = 1
puk ka pao ying chub! s
this round is tie!
your score = 2
computer score = 1
puk ka pao ying chub! s
this round is tie!
your score = 2
computer score = 1
puk ka pao ying chub! s
this round is tie!
your score = 2
computer score = 1
puk ka pao ying chub! p
this round is tie!
your score = 2
computer score = 1
puk ka pao ying chub! p
you win😝 this round
your score = 3
computer score = 1
puk ka pao ying chub! p
you lose😳 this round
your score = 3
computer score = 2
puk ka pao ying chub! p
this round is tie!
your score = 3
computer score = 2
puk ka pao ying chub! p
this round is tie!
your score = 3
computer score = 2
puk ka pao ying chub! p
this round is tie!
```

💰 💰 HW03 - create ATM class 💰 💰

```
1 class ATM:
2     def __init__(self, name, password, bank, balance):
```

```
        self.name = name
        self.password = password
        self.bank = bank
        self.balance = balance

    def deposit(self, amt):
        get_pass = int(input("Please enter your password: "))
        if get_pass == self.password:
            self.balance += amt
            return f"The operation is complete, Balance: {self.balance} Bath"
        else:
            print("Password is incorrect, Please try again.")

    def withdraw(self, amt):
        get_pass = int(input("Please enter your password: "))
        if get_pass == self.password:
            if amt <= self.balance:
                self.balance -= amt
                print(f"Balance: {self.balance} Bath")
                return f"Withdraw {amt} Bath from ATM"
            else:
                print("Insufficient balance")
        else:
            print("Password is incorrect, Please try again.")

    def transfer(self, account_name, amt):
        get_pass = int(input("Please enter your password: "))
        if get_pass == self.password:
            if amt <= self.balance:
                self.balance -= amt
                print(f"Balance: {self.balance} Bath")
                return f"Transfer money {amt} Bath to {account_name}."
            else:
                print("Insufficient balance")
        else:
            print("Password is incorrect, Please try again.")

    def transfer(self, account_name, amt):
        get_pass = int(input("Please enter your password: "))
        if get_pass == self.password:
            if amt <= self.balance:
                self.balance -= amt
                print(f"Balance: {self.balance} Bath")
                return f"Transfer money {amt} Bath to {account_name}."
            else:
                print("Insufficient balance")
        else:
            print("Password is incorrect, Please try again.")

    def change_pass(self, new_pass):
        get_pass = int(input("Please enter your password: "))
        if get_pass == self.password:
            self.password = new_pass
            print("Password change successfully!")
        else:
```

```
            print("Old password is incorrect, Please try again.")

    def check_balance(self):
        get_pass = int(input("Please enter your password: "))
        if get_pass == self.password:
            print(f"{self.name} have {self.balance} Bath in {self.bank} bank.")
        else:
            print("Password is incorrect, Please try again.")

```

```
cus1 = ATM("Mind", 757697, "KBANK", 500000)
cus2 = ATM("Moss", 932303, "BAY", 1000000)
cus3 = ATM("Mint", 360864, "BBL ", 70000)
cus4 = ATM("Meji", 967051, "SCB", 30000)
```

```
cus4.deposit(200000)
```

```
Please enter your password: 967051
'The operation is complete, Balance: 230000 Bath'
```

```
cus4.withdraw(5000)
```

```
Please enter your password: 967051
Balance: 225000 Bath
'Withdraw 5000 Bath from ATM'
```

```
cus4.transfer("Mai", 200)
```

```
Please enter your password: 967051
Balance: 224800 Bath
'Transfer money 200 Bath to Mai.'
```

```
cus4.transfer("Mai", 200000000)
```

```
Please enter your password: 967051
Insufficient balance
```

```
cus4.change_pass(111222)
```

```
Please enter your password: 967051
Password change successfully!
```

```
cus4.check_balance()
```

```
Please enter your password: 967051
Password is incorrect, Please try again.
```

```
cus4.check_balance()
```

```
Please enter your password: 111222
Meji have 224800 Bath in SCB bank.
```

```
1
```

✓ 4s completed at 9:45 PM