

create project

#03/17/25

#Initial

import random

import time

flavors = ["vanilla", "chocolate", "strawberry", "mint chip", "cookie dough"]

drinks = ["water", "coffee", "lemonade", "iced tea", "matcha"]

fruits = ["banana", "mango", "strawberry", "watermelon"]

#Functions

def parlor(name): #main function

print("Hello " + name + ", welcome to the Ice Cream Parlor!")

while True:

print("""Pick an activity:

1. Order icecream 🍦

2. Order drinks ☕

3. Order a custom milkshake 🥤

4. Receive a recommendation ★

5. Leave parlor 🚪""")

activity = input("What would you like to do? Pick 1-5: ")

if activity == "1": #order icecream

print("These are the flavors we have available: " + str(flavors)) #prints available flavors

print("What flavor would you like?")

flavor = input("Pick your flavor: ") #user's choice of flavors

print("Enjoy your " + flavor + " icecream cone!")

print("Would you like anything else?")

x = input("Yes (y) or no (n): ")

if x == "y":

print("What else can I get for you?")

elif x == "n":

print("Okay have a great day, bye!")

break #end program

else:

print("Invalid input, try again: ")

elif activity == "2": #order drinks

print("These are the drinks we have available: " + str(drinks)) #prints available drinks

print("What drink would you like?")

drink = input("Pick your drink: ") #user's choice of drink

print("Enjoy your " + drink + "!")

print("Would you like anything else?")

x = input("Yes (y) or no (n): ")

if x == "y":

print("What else can I get for you?")

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elif x == "n":
    print("Okay have a great day, bye!")
    break #end program
else:
    print("Invalid input, try again: ")

elif activity == "3": #order custom milkshake
    print("These are the flavors we have available: " + str(flavors)) #prints available flavors
    pick = input("Pick up to 3 of the above flavors: ") #user's choice of flavors
    fruit = input("Would you like any fruits? Yes (y) or No (n): ") #user's choice of fruits

    if fruit == "y":
        print("We have the following fruits available: " + str(fruits)) #prints available fruits
        fruit_pick = input("Pick 1 fruit for your shake: ") #user's fruit selection
        print("Start blending.. whirr")
        time.sleep(3) #wait time
        print("All done, enjoy your " + pick + " milkshake with " + fruit_pick + "!")

        print("Would you like anything else?")
        x = input("Yes (y) or no (n): ")
        if x == "y":
            print("What else can I get for you?")
        elif x == "n":
            print("Okay have a great day, bye!")
            break #end program
        else:
            print("Invalid input, try again: ")

    elif fruit == "n":
        print("Start blending.. whirr")
        time.sleep(3) #wait time
        print("All done, enjoy your " + pick + " milkshake!")

        print("Would you like anything else?")
        x = input("Yes (y) or no (n): ")
        if x == "y":
            print("What else can I get for you?")
        elif x == "n":
            print("Okay have a great day, bye!")
            break #end program
        else:
            print("Invalid input, try again: ")

elif activity == "4": #receive a recommendation
    print("Welcome to the recommender! Would you like an icecream flavor (i) or a drink (d)?")
    rec = input("Icecream (i) or drink (d)? ") #user's desired type of recommendation
    if rec == "i":
        icecream_rec = random.choice(flavors) #random ice cream recommendation
        print("Recommending...")
        time.sleep(2) #wait time
        print("Your recommended flavor is " + icecream_rec + ", enjoy!") #recommendation given

        print("Would you like anything else?")
        x = input("Yes (y) or no (n): ")
        if x == "y":

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109         print("What else can I get for you?")
110     elif x == "n":
111         print("Okay have a great day, bye!")
112         break #end program
113     else:
114         print("Invalid input, try again: ")
115
116 elif rec == "d":
117     drink_rec = random.choice(drinks) #random drink recommendation
118     print("Recommending...")
119     time.sleep(2) #wait time
120     print("Your recommended drink is " + drink_rec + ", enjoy!") #recommendation given
121
122     print("Would you like anything else?")
123     x = input("Yes (y) or no (n): ")
124     if x == "y":
125         print("What else can I get for you?")
126     elif x == "n":
127         print("Okay have a great day, bye!")
128         break #end program
129     else:
130         print("Invalid input, try again: ")
131
132 else:
133     print("That option is unavailable, try again:")
134
135
136 elif activity == "5": #leave parlor
137     print("Come again next time!")
138     break #end program
139
140 else:
141     print("Invalid input. Try again: ")
142
143
144 #Main
145 parlor("user") #calling function
```