



ALEEN

P R E S E N T I N G A P R O G R A M

MEALS PLANNER

This mini program is designed to help users to plan their meals

by Python

AD



Hello, World

Let me present you a program that helps with meal planning, generates shopping lists, and calculates costs for selected recipes sourced from the official Jamie Oliver website.





Features

- **User greeting:** Welcomes a user with his name and the current date
- **Meal selection:** Offers a list of seven meal options for user to choose from
- **Shopping list:** Provides a complete shopping list of ingredients needed with prices
- **Cost calculation:** Prints out the total cost for the ingredients and amounts needed for the chosen meal

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Recipes

- **Chicken & Chips**
- **Chilli Con Carne**
- **Broccoli Soup**
- **Vegan Apple Crumble**
Learn More ►
- **Garlic Mushroom Pie**
- **Spaghetti Bolognese**
- **Grilled Salmon**



Methods

While writing this code, I utilized methods we learned, primarily functions to optimize repetitive tasks.

Code samples

```
user = input('Enter your name: ')
today = datetime.today()
form_date = today.strftime("%A, %d. %B %Y")
print(f'Hello {user}. Are you hungry?')
    print(f'Let us plan your meal for today,
{form_date}.')
```

- Datetime
- For loops
- Exceptions
- If - else
- Extracting data from dictionaries
- Functions with Docstrings

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```
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'

    You fancy as a mouth-watering meal? \nPlease note, that all recipes are in the list below.\nPlease enter your desired meal option and enter the number: ')
generate(meals, start=1):
print('The meal you chose is: ', meals[choice - 1])

put('\nEnter the number of your choice: ')
choice = int(input())
if choice < 1 or choice > len(meals):
    print('Please enter a valid number between 1 and ', len(meals), '.')
else:
    choice -= 1
    print('The meal you chose is: ', meals[choice])

    print('Would you like to add this meal to your shopping list? (y/n) ')
    answer = input()
    if answer == 'y':
        print('The meal has been added to your shopping list.')
    else:
        print('The meal has not been added to your shopping list.')

    print('Would you like to add another meal to your shopping list? (y/n) ')
    answer = input()
    if answer == 'y':
        choice += 1
        generate(meals, start=choice)
    else:
        print('Thank you for using our meal generator!')  
• second push
```

by choosing a recipe as an interaction with the user. The user can then add the meal and print_shopping_list. This will print the shopping list with prices per item and the final total price.

Test version

Before I demonstrate the complete functionality of the program, let me first present a test case involving a user who accidentally went by the name Jessica.:)

[Test](#)



Make a choice



Enter name : Jessica

Hello Jessica. Are you hungry?

Let us plan your meal for today, Thursday, 09. January 2025. What do you fancy as a mouth-watering meal?

Please note, that all recipes are for 4 people.



Choose your desired meal: 7

Shopping list for Grilled Salmon:

Salmon fillet: 1 piece(s) for €8 per piece.

Lemongrass: 1 piece(s) for €0.5 per piece.

...

For your meal * Grilled Salmon * you will spend 17.50 Euro

Thank You

Thank you for your kind attention! I hope you enjoyed my presentation. Bon appétit!

Aleen Dam



https://github.com/AleenDam/Individual_project_ad



END OF
SLIDES