Project Title:

"Expense Tracker and Financial Health Checker"

Objective:

The goal of this project is to build a simple **Expense Tracker** that allows a user to input their income, expenses, and savings goals. The program will then provide real-time insights into their financial health by analyzing their data using strings, operators, and conditional statements (including nested if-else).

Project Requirements:

1. The program should be interactive and take inputs from the user.
2. It must validate the inputs (e.g., ensure numerical values for income and expenses).
3. Provide meaningful output based on the user's input and decisions.
4. Demonstrate usage of **strings**, **operators**, and **if-else (with nested conditions)**.

Project Features:

1. User Profile Setup:

- Ask the user to input their **name** and **profession**.
- Display a personalized welcome message.

Example Input:

```
Enter your name: Sarah
Enter your profession: Software Engineer
```

Example Output:

```
Welcome, Sarah! Let's analyze your financial health as a Software
Engineer.
```

2. Income and Expense Management:

- Ask the user for their **monthly income** and **monthly expenses**.
- Calculate the **savings** (Income - Expenses).
- Use arithmetic operators to calculate the percentage of income saved.

Example Input:

```
Monthly Income: 80000
Monthly Expenses: 60000
```

Example Output:

```
Total Savings: 20000
Savings Percentage: 25%
```

3. Financial Health Check:

- Use nested if-else conditions to provide insights based on the **savings percentage**:
    - If savings are **greater than or equal to 20%** of income:
        - Print: `"Great job, [Name]! You have a strong savings habit."`
    - If savings are **between 10% and 20%**:
        - Print: `"Good, [Name], but you could save a bit more."`
    - If savings are **less than 10%**:
        - Print: `"Warning, [Name]: Your savings are too low. Consider cutting expenses!"`

4. Categorize Expenses:

- Ask the user to categorize their expenses into three major areas:
    1. **Essentials** (e.g., rent, utilities, groceries)
    2. **Wants** (e.g., dining out, entertainment)
    3. **Savings/Investments**
- Use string operations to display a summary of these categories.

Example Input:

```
How much do you spend on Essentials? 40000
How much do you spend on Wants? 15000
How much do you save or invest? 25000
```

Example Output:

```
Expense Breakdown:
Essentials: 50%
Wants: 18.75%
Savings/Investments: 31.25%
```

5. Custom Goals:

- Allow the user to input a **savings goal** (in percentage).
- Use conditional logic to evaluate if they are meeting their goal:
    - If the current savings percentage is greater than or equal to the goal:
        - Print: "Congratulations, [Name]! You've achieved your savings goal."
    - Else:
        - Print: "Keep working on your savings, [Name]. You're [X]% away from your goal."

Example Input:

```
What is your savings goal (in %)? 30
```

Example Output:

```
Your savings percentage is 25%.
Keep working on your savings, Sarah. You're 5% away from your goal.
```

6. Export Summary (Bonus Feature):

- Generate a summary of the user's financial health in a formatted string or save it to a text file.

Example Output:

```
Financial Health Summary for Sarah:

Income: 80000
Expenses: 60000
Savings: 20000 (25%)
Expense Breakdown:
  Essentials: 50%
  Wants: 18.75%
  Savings/Investments: 31.25%
Savings Goal: 30%
Status: 5% away from your goal.
```

Submission Requirements:

- Include your code file named `Expense_Tracker_Project.py`.
- Add meaningful comments to explain your code.
- Provide sample inputs and outputs as part of your submission.
- Upload your project on the GitHub
- You need to share the Project into the LinkedIn
- Share your Linkedin Post link in the submission.

Evaluation Criteria:

1. Proper usage of **strings**, **operators**, and **if-else** (with nested conditions).
2. Code clarity, comments, and structure.
3. Creativity in displaying and formatting outputs.
4. Accuracy of financial calculations and insights.

Good luck with your project! Let's help people manage their finances better. 😊