1. **File Name Instruction:** Name this code file **python\_activity3.1**

**Task Description:**   
Write a Python program that collects a user's name, weight (kg), steps walked today, and the year they started exercising. Use appropriate data types and explicit type conversion where necessary. Calculate their estimated weight next month (subtract 0.2 kg) and determine how many years they've been exercising based on the current year (2025). Display all information in formatted output.

* Name
* Weight
* Steps walked
* Years exercising
* Estimated weight next month

1. **File Name Instruction:** Name this code file **python\_activity3.2.**

**Task Description:**

Write a Python program that asks the user for a temperature in Celsius (as a float). Convert it to Fahrenheit using the formula: F = (C \* 9/5) + 32. Use explicit type conversion for the input and implicit conversion in the calculation. Display both the original Celsius temperature and the converted Fahrenheit temperature, rounded to one decimal place.

1. **File Name Instruction:** Name this code file **python\_activity3.3.**

**Task Description:**  
Write a Python program that collects a user's weekly income, number of days they plan to save, and their estimated daily expenses. Calculate the total weekly expenses, remaining money after expenses, and the daily savings amount if spread evenly over the chosen number of days. Display all inputs and results in a formatted output.

Budget Planner

* Weekly Income:
* Daily Expense
* Total Weekly Expenses:
* Remaining Money:
* Daily Savings Over 5 Days

1. **File Name Instruction:** Name this code file **python\_activity3.4**

**Task Description:**

Build a dictionary of lists to plan a party, where each key is a guest’s name and the value is a list of food items they’re bringing, then add a new guest with their food and print the updated plan.

1. **File Name Instruction:** Name this code file **python\_activity3.5**

**Task Description:**

Design a tuple of dictionaries to store high scores from different video games, where each dictionary has the game name and a score value, then pick one game and update its score by increasing it by 10.

1. **File Name Instructions:** Name this code file **python\_activity3.6**

Task Description:

Write a Python program to generate a specific pattern

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