Documentation Guideline

Project Overview:

This project is a beginner-friendly Python program that collects user information (name, age, hobby, food) and displays a personalized welcome message.
Goal: Learn how to use input/output, variables, and f-strings in Python.

Setup Instructions:

- **Install Python**
  Ensure you have Python 3.8 or later installed on your system.
- **Open VS Code**
  Launch Visual Studio Code (VS Code), which will be your development environment.
- **Create a Project Folder**
  Make a new folder for your project. For example: personal_intro_project
- **Open Folder in VS Code**
  In VS Code, go to File → Open Folder and select personal_intro_project.
- **Add Files**
  Inside the folder, create the following files:
  - personal_intro.py → your Python program
  - README.md → documentation
  - requirements.txt → dependencies (add python>=3.8)
  - screenshot.png → screenshot of program output
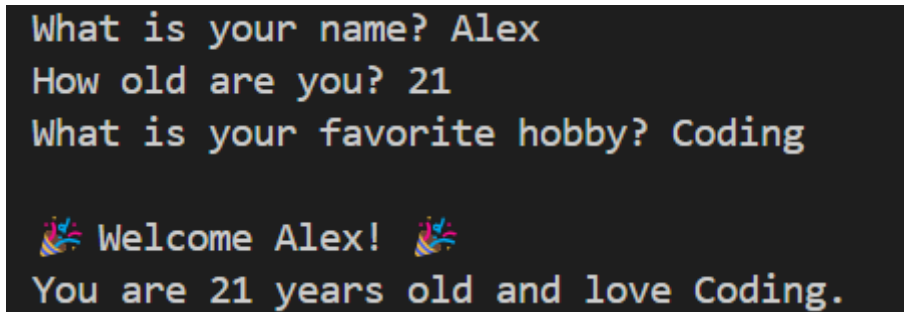- **Run the program**

```
python personal_intro.py
```

- **Test & Verify**
  Give the input in the terminal and check that the welcome message displays correctly.

Code Structure:

- **personal_intro.py** → Main program file.

- **README.md** → Documentation and project overview.

- **requirements.txt** → Dependencies.

- **screenshot.png** → Screenshot of the program running in the terminal.

Visual Documentation:

Include a screenshot (screenshot.png) showing:

```
What is your name? Alex
How old are you? 21
What is your favorite hobby? Coding

🎉 Welcome Alex! 🎉
You are 21 years old and love Coding.
```
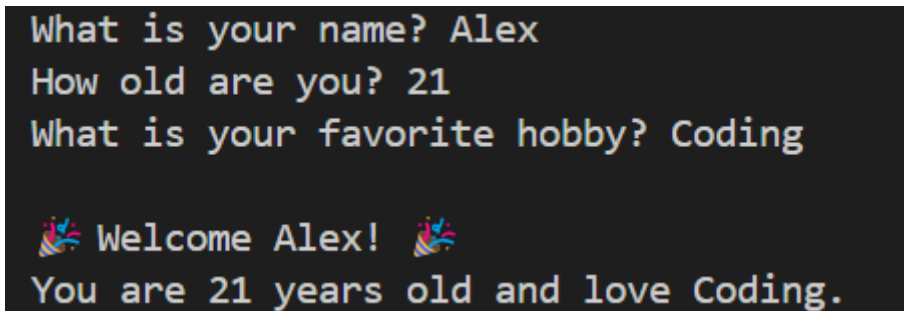
Technical Details:

- **Algorithm:** Sequential input collection → store in variables → formatted output.
- **Data Structures:** Simple string variables.
- **Architecture:** Single-file script, procedural flow.
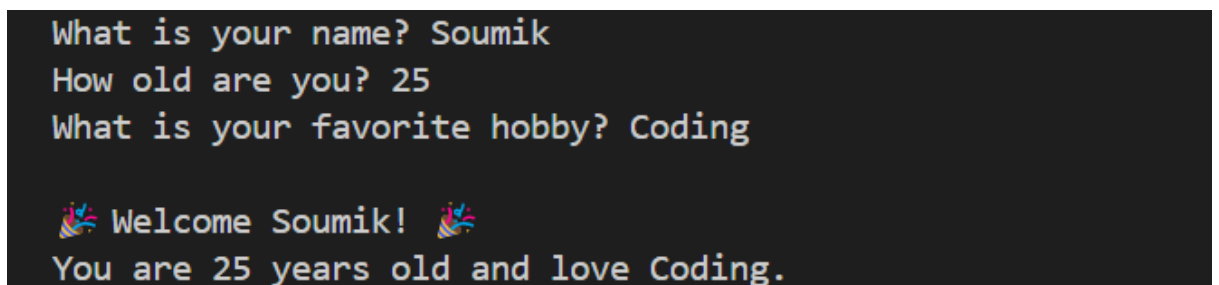
Testing Evidence:

- **Test Case 1:**

```
What is your name? Alex
How old are you? 21
What is your favorite hobby? Coding

🎉 Welcome Alex! 🎉
You are 21 years old and love Coding.
```

- **Test Case 2:**

```
What is your name? Soumik
How old are you? 25
What is your favorite hobby? Coding

🎉 Welcome Soumik! 🎉
You are 25 years old and love Coding.
```