📘 User Welcome Program – Project Documentation

📌 Project Overview

The **User Welcome Program** is a simple Python-based console application designed for beginners. It interacts with the user by asking for basic personal details such as name, age, and favourite hobby, and then displays a friendly, personalized welcome message.

This project demonstrates fundamental Python concepts including user input, variables, and formatted output.

🕐 Project Objectives

- To understand how to take user input in Python
- To use variables to store user data
- To display formatted and readable output
- To build confidence with basic Python syntax
- To create a beginner-friendly project suitable for GitHub and academic submission

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⚙️ Setup and Installation Instructions

Prerequisites

- Python 3.x installed on your system

Steps to Run the Project

1. Download or clone the repository

```
git clone https://github.com/Chanchalkoli0/Python_startup.git
```

1. Navigate to the project directory

```
cd Python_startup
```

1. Run the program

```
python main.py
```

No additional libraries or dependencies are required.

📁 Code Structure Explanation

```
project-folder/
│
├── main.py              # Contains the Python source code
├── requirements.txt    # No external dependencies
└── README.md           # Project documentation
```

main.py

- Uses `input()` to collect user details
- Stores inputs in variables
- Uses `print()` and f-strings to display a personalized welcome message

The code is written in a clear and readable manner, making it easy for beginners to understand.

🖥️ Screenshots of Working Application

📌 Note: Screenshots are captured by running the program in the terminal and using the system screenshot tool.

🔗 Technical Requirements Fulfillment

The project meets the technical requirements as follows:

- 🔧 **User Interaction**: Takes input from the user via the command line
- 🔧 **Core Python Concepts**: Uses variables, input/output, and string formatting
- 🔧 **No External Dependencies**: Runs using only built-in Python functions
- 🔧 **Clean Code Structure**: Simple and well-organized file structure
- 🔧 **Beginner-Friendly**: Easy to understand, modify, and extend

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🗜 Conclusion

The User Welcome Program successfully achieves its objectives by providing a simple yet effective demonstration of basic Python programming concepts. It serves as an excellent starting point for beginners and a solid foundation for more advanced projects.

🕐 This project is intended for learning and educational purposes.