Project Title

Intro – Friendly Welcome Program

1️⃣ Project Overview ✔️

Description

The **Intro – Friendly Welcome Program** is a beginner-level Python application designed to collect basic user information such as name, age, and hobby, and display a friendly and personalized welcome message.

Project Goals

- To understand basic Python syntax

- To learn how to use the input() function

- To store user data using variables

- To display output using the print() function

- To create a simple and user-friendly console application

Objectives

- Practice user interaction in Python

- Improve code readability and formatting

- Build confidence in writing Python programs

2️⃣ Setup Instructions ✔️

Step-by-Step Installation & Configuration Guide

1. **Install Python**

   o Download Python from https://www.python.org

   o Verify installation:

   o python --version

2. **Create Project Folder** : Task 1

3. **Create the Python File**

   o File name: intro.py

   o Paste the project code into the file

4. **Run the Program**

python intro.py

✅ No additional configuration required
✅ No external libraries needed

3️⃣ Code Structure ✔️

File Hierarchy

Intro_Welcome_Program/

|

├── intro.py   # Main Python program
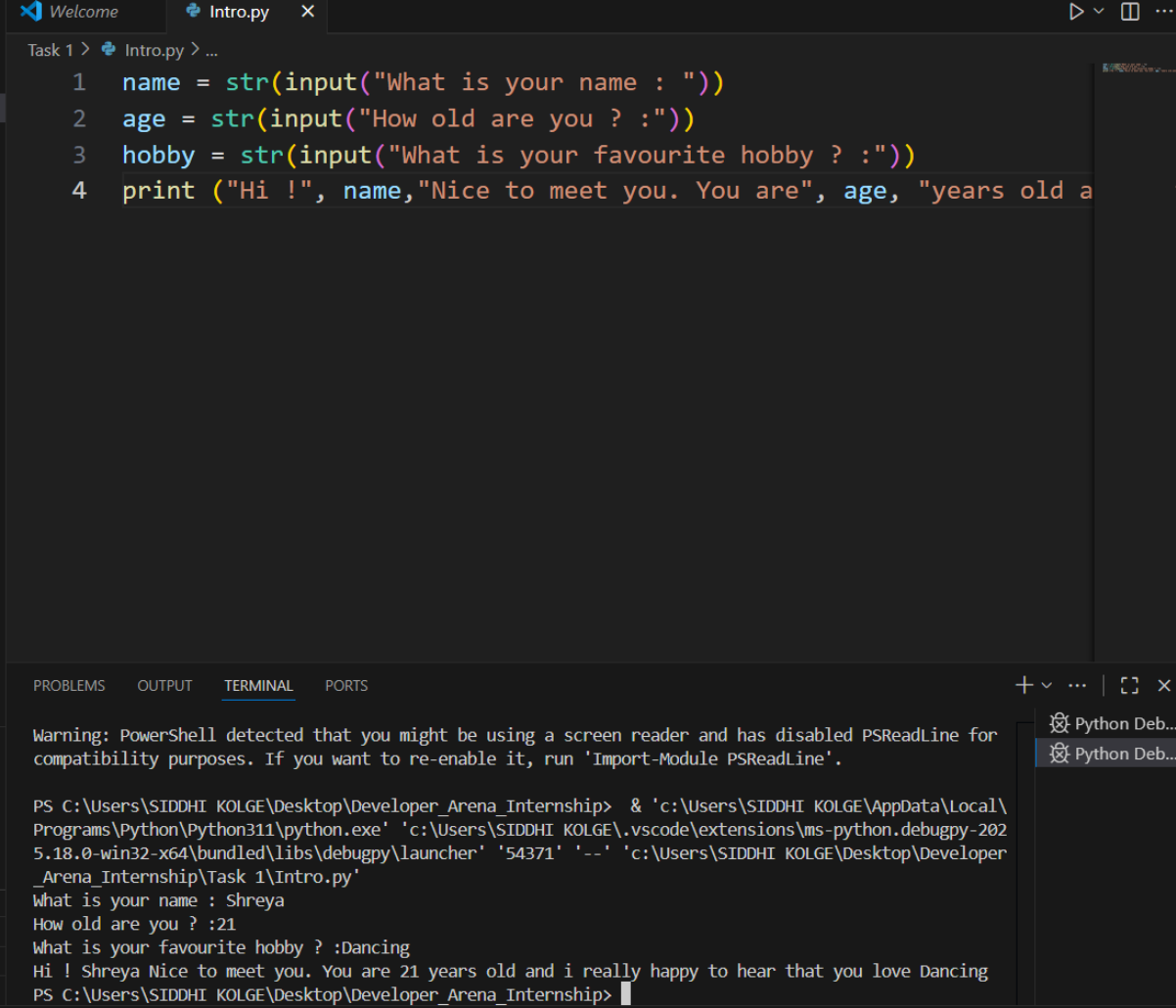
├── README.md   # Project documentation

└── requirements.txt # Dependencies (none required)

Code Organization

- Clear and meaningful variable names (name, age, hobby)

- Logical execution flow (input → processing → output)

- Proper indentation and spacing

- Commented code for better understanding

⚡ Visual Documentation ✔️

Screenshots Demonstrating Functionality

5️⃣ Technical Details ✔️

Algorithms Used

- **Sequential Algorithm**
    - The program executes instructions line by line
    - No loops or conditional statements are used

Data Structures

- **Variables (String Type)**
    - Used to store user inputs
    - Example:
    - name = input("What is your name: ")

Architecture

- **Procedural Programming Model**
- Console-based application
- Single-file structure
- Uses only Python built-in functions