

## Project Title

### Intro – Friendly Welcome Program

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#### 1 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

## 2 Setup Instructions ✔

### Step-by-Step Installation & Configuration Guide

#### 1. Install Python

- Download Python from <https://www.python.org>
- Verify installation:
- `python --version`

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

#### 3. Create the Python File

- File name: `intro.py`
- Paste the project code into the file

#### 4. Run the Program

`python intro.py`

✔ No additional configuration required

✔ No external libraries needed

### 3 Code Structure ✓

#### File Hierarchy

Intro\_Welcome\_Program/

|

├── intro.py      # Main Python program

├── README.md     # Project documentation

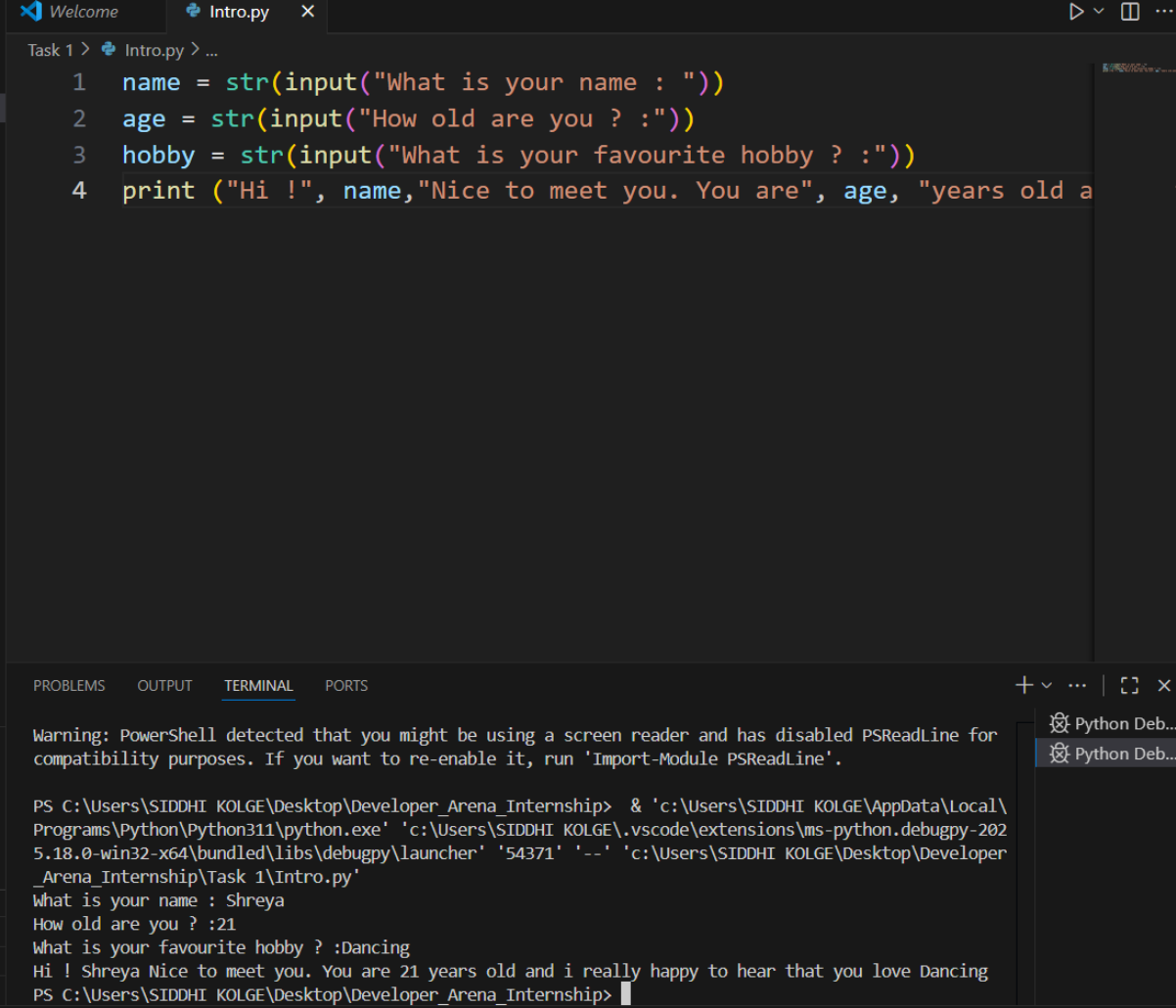
└── requirements.txt # Dependencies (none required)

#### 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



The screenshot displays the Visual Studio Code interface. The editor window shows a file named `Intro.py` with the following Python code:

```
1 name = str(input("What is your name : "))
2 age = str(input("How old are you ? :"))
3 hobby = str(input("What is your favourite hobby ? :"))
4 print ("Hi !", name,"Nice to meet you. You are", age, "years old a
```

The bottom panel shows the **TERMINAL** view. It contains the following text:

```
Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine for compatibility purposes. If you want to re-enable it, run 'Import-Module PSReadLine'.

PS C:\Users\SIDDHI KOLGE\Desktop\Developer_Arena_Internship> & 'c:\Users\SIDDHI KOLGE\AppData\Local\Programs\Python\Python311\python.exe' 'c:\Users\SIDDHI KOLGE\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '54371' '--' 'c:\Users\SIDDHI KOLGE\Desktop\Developer_Arena_Internship\Task 1\Intro.py'
What is your name : Shreya
How old are you ? :21
What is your favourite hobby ? :Dancing
Hi ! Shreya Nice to meet you. You are 21 years old and i really happy to hear that you love Dancing
PS C:\Users\SIDDHI KOLGE\Desktop\Developer_Arena_Internship>
```

## 5 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