

Week 1: Python Basics – Personal Introduction Program

Project Overview

This project is created as Week 1 submission for the internship. The goal is to understand Python basics like variables, input/output, and simple program flow by creating a Personal Introduction Program.

Setup Instructions

1. Install Python 3 from [python.org](https://www.python.org).
2. Open any code editor (VS Code / Notepad).
3. Create a file named **personal_intro.py**.
4. Copy the below code into the file.
5. Run using command: **python personal_intro.py**.

Code Structure

The project contains one Python file:

- **personal_intro.py**: Takes user input and displays a friendly message.

Python Code

```
# Personal Introduction Program
name = input('What is your name? ')
age = input('How old are you? ')
hobby = input('What is your favorite hobby? ')
city = input('Which city are you from? ')
print('\n■ Welcome', name, '! ■')
print('You are', age, 'years old.')
print('You love', hobby, 'and you live in', city)
```

Technical Details

This program uses `input()` to collect user data and stores it in variables. The `print()` function is used to display a friendly welcome message. The program runs step by step from top to bottom.

Testing Evidence

Test Case	Input	Expected Output	Status
1	Name input	Displays name	Pass
2	Age input	Displays age	Pass
3	Hobby input	Displays hobby	Pass
4	City input	Displays city	Pass

What I Learned

- Basics of Python programming
- Using variables and `input()` function
- Displaying output using `print()`
- Writing and running a simple Python program