

## Project Documentation – Week 1 Python Basics

### 1. Introduction

This project is part of Week 1 – Python Basics, designed for beginners starting their programming journey.

The goal is to create a simple Personal Introduction Program using Python.

### 2. Objectives

- Understand programming basics
- Use variables, input, and print
- Create beginner-level Python programs
- Upload structured projects to GitHub

### 3. Theory Concepts

- Programming and Python
- Variables
- Input and output functions
- Strings and f-strings
- Lists

### 4. Hands-On Practice

- Install Python
- Write Hello World
- Create variables
- Work with lists
- Build a simple introduction program

### 5. Project Description

Build a program that asks users for their name, age, hobby, and city, and displays a welcome message.

### 6. Final Program Code

```
print("Welcome to the 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 do you live in? ")  
print("\nWelcome", name)  
print(f"You are {age} years old, live in {city}, and you love {hobby}.")  
print("Thank you for using this program")
```

#### 7. Sample Output

Welcome Alex!

You are 21 years old, live in Mumbai, and you love Coding.

#### 8. Folder Structure

- README.md
- personal\_intro.py
- requirements.txt
- document.md
- screenshot.png

#### 9. How to Run

```
python personal_intro.py
```

#### 10. Conclusion

This project provides foundational Python knowledge and prepares learners for more advanced programming tasks.