Introduction to Programming and Software Development Internship

Welcome to the Introduction to Programming and Software Development Internship! This repository contains the Python scripts, exercises, and projects for a two-week internship aimed at providing an introduction to programming and software development using Python.

Overview

This internship is designed to give participants a solid foundation in programming and software development using the Python programming language. It covers fundamental programming concepts, Python syntax, best practices, and commonly used libraries. The internship includes a combination of theory, hands-on exercises, and small projects to reinforce the concepts learned.

Repository Structure

- `exercises/`: This directory contains a set of Python exercise files organized by topic. Each exercise file includes a description, code skeleton (if applicable), and instructions for completion.
- `projects/`: This directory contains Python project assignments that will allow you to apply the concepts learned during the internship. Each project has its own folder with detailed instructions and any necessary resources.
- `resources/`: This directory includes additional resources such as recommended readings, useful links, and reference materials that can supplement your learning experience.
- `solutions/`: This directory contains the solutions to the exercises and projects. It is recommended to attempt the exercises and projects on your own before referring to the solutions.

Getting Started

1. Clone this repository to your local machine using the following command:

```
git clone https://github.com/iman-n/IntroProgDev-2Weeks-Internship.git
```

2. Navigate to the cloned repository:

```
cd IntroProgDev-2Weeks-Internship
```

3. Explore the different directories and familiarize yourself with the Python scripts, exercises, and projects.

Prerequisites

- Python 3.x: Ensure that Python 3.x is installed on your system. You can download the latest version of Python from the official Python website: python.org

Running the Code

To run the Python scripts, exercises, and projects, follow the instructions provided within each file or project folder. Typically, you can execute a Python script from the command line using the following

command:

```
python file_name.py
```

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