Monday: Python Week 1 Objectives

Working with Python

Working through the Pre-course work, we have familiarized ourselves with basic Python concepts, and the Python syntax. We want to leverage on that knowledge to start creating really amazing applications.

This week, we will consider the following:

1. Object oriented programming with Python
2. Unit testing
3. Making our projects executable
4. Project design
5. Creating and working with modules
6. File and resource management

Feature Project: Contact-list App

We will learn how to implement most of these concepts by building a feature project. The Project we will be building will be a *Contact list application*. The application will:

1. Allow us to Create new contacts with properties.
2. Save contacts.
3. Display contacts.
4. Delete contacts.
5. Display contact information.
6. Categorize contacts to favorite contacts.

Independent Project Objectives

At the end of the week, your project will be reviewed based on the following objectives:

1. Does your project have two classes?
2. Your project must have a way to authenticate users.
3. Have docstrings to document your methods and functions.
4. Your project must have a test class
5. The project must have a well-documented README file which contains well-outlined application behaviours.
6. Well laid out commit messages.