Monica Hanson

August 17, 2022

Foundations of Programming: Python

Assignment 06

GitHub Repo: https://github.com/mohanson333/IntroToProg-Python-Mod06

**Creating a To Do list Using Functions**

I**ntroduction**

In this article I will discuss how I modified an existing script template to create a "ToDo" list using functions rather than dictionaries like what was done in the previous assignment. Last I will then discuss how I tested this.

**Modifying the existing template**

The first step I did was review the provided template and add in missing code for the sections that required additional code. I used functions to complete this. This week I learned that functions are a block of code that will run when called. Data (paramaters), can be passed into a function as well. Functions will return data as a result. Functions are definted using “def”. An example of a function being used in my script is below (see figure 1).

Text

Description automatically generated

Figure:1

**Testing:**

I tested multiple scenarios with my script using PyCharm (see figure 2).

Text

Description automatically generated

Figure:2

In addition to testing with PyCharm I also tested using terminal. The script ran successfully (see figure 3).

Text

Description automatically generated

**Summary:**

In this article I discussed how I went about modifying a to do list script using functions that were covered in module 6.