Yogita Rakasi

03/06/2022

Foundations of Programming: Python

Assignment 6: Functions and Classes

Functions:

Learnt about use of Functions to group logic. In complex programs, having specific Functions to execute a set of statements makes the code more readable and the functions can be re used through out the program once they are defined.

Functions can have no parameters, or a set of parameters and same function can be overloaded with different parameters.

Functions can return None, one value or more values: None is returned in cases of a return statement without attributes or no return statement in the function. In this assignment, a function which returns more than one value was used.

Argument:

Value that is passed into a function when it is called. The main difference between Parameters and Arguments that Parameters are variables while arguments are actual values

Classes:

Classes are a grouping of Functions.

Assignment screenshots:

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

Summary:

This week’s assignment seemed more straightforward. I was a little unclear of whether I can use function directly from file processor class or if I should always add data processing and then invoke file processing functions from data processing.

Appendix: