

Problem Set 05: User-Defined Functions

New Learning Objectives under Evaluation

11.00 Create and execute a user-defined function

Learning Objective	Evidence
11.09 Track the passing of information to and from a user-defined function	Being able to take given input argument values to one UDF and manually track the value of all computed and passed output arguments and input arguments through a series of UDFs linked through function calls
11.10 Break a problem into a series of sub-functions	Being able to take a complex task and break it into a series of unique UDFs that are each purposeful and easy to test and debug
11.11 Coordinate the passing of information between functions	<p>Call to a user-defined function occurs in the proper function or script</p> <p>Variables passed into a user-defined function are defined prior to calling the user-defined function</p> <p>User-defined functions are called in the order necessary to complete the coding task</p> <p>No use of global variables (to circumvent proper passing of information through function calls)</p>

Note: Learning Objectives 11.01 – 11.08 are explained in the PS04 Learning Objectives.pdf document. Refer to them as needed for this assignment