Example 1: Define a function that takes an argument. Call the function. Identify what code is the argument and what code is the parameter.

Example 2: Call your function from Example 1 three times with different kinds of arguments: a value, a variable, and an expression. Identify which kind of argument is which.

Example 3: Create a function with a local variable. Show what happens when you try to use that variable outside the function. Explain the results.

Example 4: Create a function that takes an argument. Give the function parameter a unique name. Show what happens when you try to use that parameter name outside the function. Explain the results.

Example 5: Show what happens when a variable defined outside a function has the same name as a local variable inside a function. Explain what happens to the value of each variable as the program runs.

\*use outside resources where applicable