BDPA SITES BACK END: Functions

1. Provide the definition of a parameter?
2. What value do all functions without a return statement output?
3. Create a function with two parameters that returns the area of a rectangle.
4. Executing the function **fun1** below with the following arguments x = 5 and y = 3:
   1. Write the call statement for this function and arguments.
   2. How many times will **fun1** be recursively called?
   3. What value will be return?

int fun1(int x, int y)

{

if(x == 0)

{

return y;

}

Else

{

return fun1(x - 1, x + y);

}

}

1. Create a recursive function with one parameter that returns the sum numbers between the parameter and 1.

Ex: sum(2) would return 3 because 1 + 2 = 3

Ex: sum(5) = would return 15 because 1 + 2 + 3 + 4 + 5 = 15