

## CSC108H Winter 2019 Worksheet: Function Reuse

Often, you will call one function from within another function definition.

1. Following the Function Design Recipe, write the following function.

Function name: (parameter types) → return type	Description
<code>format_name:</code> <code>(str, str) → str</code>	The first parameter represents a first name and the second represents a last name. Return a string in the format: <code>last_name, first_name</code> , where <code>last_name</code> and <code>first_name</code> are replaced by the given last and first names.

2. Following the Function Design Recipe, write the following function to produce a telephone directory listing. In the function body, call `format_name` to have it do some of your work for you.

Function name: (parameter types) → return type	Description
<code>to_listing:</code> <code>(str, str, str) → str</code>	The first parameter represents a first name, the second represents a last name, and the third represents a phone number. Return a string in the format: <code>last_name, first_name: phone_number</code> , where <code>last_name</code> , <code>first_name</code> , and <code>phone_number</code> are replaced by the given last name, first name, and phone number.