

CSC108H Worksheet: Function Definitions

1. Function Definitions

- (a) Function `double` takes a number and returns twice its value.

What value does `double(7)` produce? _____

What value does `double(5.7)` produce? _____

Write a `return` statement to complete the function definition:

```
def double(num):
```

- (b) Function `our_maximum` takes two numbers and returns the larger of the two.

What value does `our_maximum(4, 3.7)` produce? _____

Complete the function definition:

```
def our_maximum(num1, num2):
```

- (c) Function `max_of_min` takes four numbers, `num1`, `num2`, `value1`, and `value2`, determines the minimum of `num1` and `num2` and the minimum of `value1` and `value2`, and returns the maximum of those two minimums.

What value does `max_of_min(4, 3.7, 6, 3.5)` produce? _____

What value does `max_of_min(1, 1.7, 4.5, 3)` produce? _____

Complete the function definition. If you like, you can use several statements.

```
def max_of_min(num1, num2, value1, value2):
```