

## L4 PROBLEM 5 (5/5 points)

Write a Python function, `clip(lo, x, hi)` that returns `lo` if `x` is less than `lo`; `hi` if `x` is greater than `hi`; and `x` otherwise. For this problem, you can assume that `lo < hi`.

### Help

Don't use any conditional statements for this problem. Instead, use the built in Python functions `min` and `max`. You may wish to read the documentation on `min` and the documentation on `max`, and play around with these functions a bit in your interpreter, before beginning this problem.

This function takes in three numbers and returns a single number.

```
1 def clip(lo, x, hi):
2     '''
3     Takes in three numbers and returns a value based on the value of x.
4     Returns:
5         - lo, when x < lo
6         - hi, when x > hi
7         - x, otherwise
8     '''
9     return min(max(x, lo), hi)
10
```

Correct

```
def clip(lo, x, hi):
    '''
    Takes in three numbers and returns a value based on the value of x.
    Returns:
        - lo, when x < lo
        - hi, when x > hi
        - x, otherwise
    '''
    return min(max(x, lo), hi)
```

Test results

CORRECT

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