Assignment
Lists

Problem 1: Generate list of numbers

Write a Python function that generates a list of numbers that starts at `start` and stops before `end` and increments by `step`

```python
def generate_list(start, end, step):
    # your code here
    return
```

Here is what the output should look like:

```
> generate_list(0,5,1)
[0, 1, 2, 3, 4]
> generate_list(0,0,1)
[]
> generate_list(5,10,2)
[5, 7, 9]
> generate_list(10,5,-2)
[10, 8, 6]
```

Problem 2: Reverse the list

Write a Python function which reverses a list

```python
def reverse_list(mylist):
    # your code here
    return
```

Here is what the output should look like:

```
> reverse_list([1,2,3,4,5])
[5, 4, 3, 2, 1]
> reverse_list([])
[]
```

Note: If you used `list.reverse()` then congrats on being resourceful and finding it on the Python documentation. However, try implementing it without that function and do it with a `while` loop.