

recitation1starter.py

Python

```
def prime_count_array(n: int):  
    """  
    we will return a list of how many primes we've seen so far  
    at a given index  
    input: n: int  
    output: list of how many primes we've seen so far at a given index  
    """  
  
    prime_list = sieve_of_eratosthenes(n)  
    result = [0] * (n+1)  
    counter = 0  
    for i in range(len(prime_list)):  
        is_prime = prime_list[i]  
        if is_prime:  
            counter += 1 # or counter = counter + 1  
        result[i] = counter  
    return result
```

In your src directory, run

None

```
python3 -m recitation.recitation1starter
```

This assuming your folders are set up like

