

Find the length of the largest non-decreasing section of the array,

an example of a non-decreasing section 55578

example

1 1 2 3 0 7 8 1 8 8 8 9 10

answer 6

```
void searchForGroup(int arr[], int length) {
    int foundLength = 0;
    int currentLength = 1;
    for (int i = 0; i < length - 1; i++) {
        if (arr[i] <= arr[i + 1]) {
            currentLength++;
        }
        else {
            if (foundLength < currentLength) {
                foundLength = currentLength;
            }
            currentLength = 1;           // reset for next possible length of numbers
        }
    }
    if (foundLength < currentLength) {
        foundLength = currentLength;
    }
    std::cout << "String of 'non-decreasing' numbers: " << foundLength << std::endl;
}
```



5 7 8 increasing

5 5 8 *non-decreasing*