

Find the length of the largest negative portion of an array

`-4 -5 -7 9 -3 -2 -1 -7`

answer 4



to catch longest string of negative numbers in pairs

```
void searchForGroup(int arr[], int length) {
    int foundLength = 0;
    int currentLength = 1;
    for (int i = 0; i < length - 1; i++) {
        if (arr[i] < 0 && arr[i + 1] < 0) { //checking if two numbers next to each other are the same
            currentLength++;
        }
        else {
            if (foundLength < currentLength) {
                foundLength = currentLength;
            }
            currentLength = 1; // reset for next possible length of numbers
        }
    }
    if (foundLength < currentLength) {
        foundLength = currentLength;
    }
    std::cout << "Longest string of negative numbers is: " << foundLength << std::endl;
}
```

to catch longest string of negative numbers

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