

Find the number of distinct elements in non strict increasing array

example

*1|2 2 2|3 3|5
answer 4*

```
void searchArray(int arr[], int length) {  
    int countNum = 1;  
    for (int i = 1; i < length; i++) {  
        if (arr[i - 1] < arr[i]) {  
            countNum++;  
        }  
    }  
    std::cout << countNum << std::endl;  
}
```

```
void searchArray(int arr[], int length) {  
    int countNum = 1;  
    for (int i = 0; i < length - 1; i++) {  
        if (arr[i] < arr[i + 1]) {  
            countNum++;  
        }  
    }  
    std::cout << countNum << std::endl;  
}
```

