

Find the minimum among all negative array elements



find solution without flag

```
void searchArray(int arr[], int length) {
    int minimum; // if there is a condition for the minimum, then you need a flag, and it cannot be defined
    int flag = 0;
    for (int i = 0; i < length; i++) {
        if (flag == 0 && arr[i] < 0) { // flag first, if there is no minimum hit, it should skip the next if
            minimum = arr[i];
            flag = 1;
        }
        if (flag == 1 && arr[i] < 0 && arr[i] < minimum) { // always make sure flag is in beginning of condition because minimum is not defined yet
            minimum = arr[i];
        }
    }
    if(flag==0)
    {
        std::cout << "not found"<< std::endl;
    }
    else {
        std::cout << minimum << std::endl;
    }
}
```

```
void searchArray(int arr[], int length) {
    int minimum = 1; // minimum should be any positive number, it acts as a
    flag to check if you encounter a negative #
    for (int i = 0; i < length; i++) {
        if (arr[i] < 0 && arr[i] < minimum) { // minimum number encountered
            minimum = arr[i];
        }
    }
    if (minimum < 0) { //minimum number encountered
        std::cout << minimum << std::endl;
    }
    else {
        std::cout << "No minimum below 0" << std::endl;
    }
    std::cout << std::endl;
}
```