ECS 122A Homework 3

Hardy Jones
999397426
Professor Bai
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1.

```
1: function MAXSUBARRAY(arr)
2:     n ← length of arr
3:     max ← −∞
4:     start ← 0
5:     end ← 0
6:     for i ← 0 to n do
7:         total ← 0
8:         for j ← i to n do
9:             total ← total + arr[j]
10:            if total ≥ max then
11:                max ← total
12:                start ← i
13:                end ← j
14:     return arr[start..end]
```

N.B. If the result is expected to be a single value, the function should return max.