## Two Values

Need two recursive values:

Fill out the poll everywhere for Activity Credit!

```
Go to pollev.com/cse417 and login
    with your UW identity
```

$\operatorname{INCLUDE(i):~sum~of~the~maximum~sum~subarray~among~elements~from~}$ 0 to $i$ that includes index $\boldsymbol{i}$ in the sum

OPT( $i$ ): sum of the maximum sum subarray among elements 0 to $i$ (that might or might not include $i$ )

How can you calculate these values? Try to write recurrence(s), then think about memoization and running time.

