Jordan Allard

WHAT: $S[L,R]$ = min cost of multiplying the matrices A_L, A_{L+1}, ..., A_R

HOW: $S[L,R] =$

$\qquad 0 \qquad\qquad\qquad\qquad\qquad\qquad\qquad$ if $L = R$

$\qquad \min(k \text{ from } L \text{ to } R-1) \text{ of } (a_{L-1} * a_k * a_R + S[L,k] + S[k+1,R]) \qquad$ if $L < R$

WHERE: $S[1, n]$