P(i, e) = max number of Oscars expected to be won during a time frame ending at time t if on movies in $\{M_1, M_2, \ldots, M_i\}$ are available.

$$P(i,e) = \begin{cases} 0, & \text{if } t \leq 0 \\ 0, & \text{if } i = 0 \text{ and } t \geq 0 \\ max(EV(M_i) + P(i-1, startTime(M_i)), P(i-1,t)), & \text{otherwise} \end{cases}$$