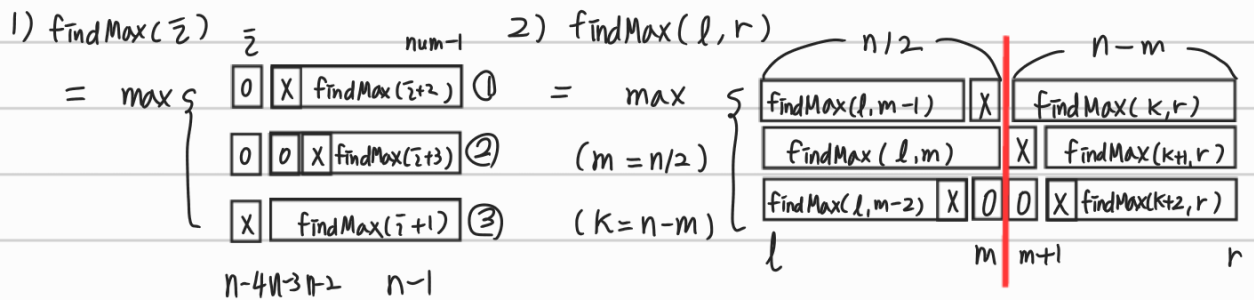


$P[i]$: i 번째 주머니의 돈

Constraint: 세번째 연속 선택 X

X 처음배열

Top-Down



$\text{findMax}(\text{num}-1) = \text{money}[\text{num}-1]$

$\text{findMax}(i > n-1)$

함수의 매개변수 형태

$\text{findMax}(\text{int left}, \text{int right})$

use memoization

$T(n) = T(n-1) + \Theta(1)$

\vdots

$T(2) = T(1) + \Theta(1)$

left right

$\boxed{l} \quad \boxed{m} \quad \boxed{m+1} \quad \boxed{r}$

$\text{if } (left > right) \{ \text{return } 0; \}$

$\text{if } (m \leq l \text{ or } r \leq m+1) \{ \text{return } m \leq l \text{ or } r \leq m+1; \}$

재귀호출이 많을 수록 수행시간이 늘어남 !!

