

COP 3SD2 11/19/21

① RP4 Due Next Wed.

② No class Wed (11/24)!

\* Fri (11/19) - Bitwise Ops

Mon (11/22) - Foundation Exam Info/Review

Mon (11/29) - Binary Search

[ Wed (12/1) - Backtracking

Fri (12/3) - Final Exam Review

Not on  
F, E.  
(any more.)  
Foundation  
exam

$$\text{mask} = 2^7 + 2^6 + 2^3 + 2^2 = 204 \quad \{3, 4, 7, 8\}$$

$$\text{lowbit} = 2$$

$$\text{prevMask} = \text{mask} - (1 \ll 2) = 204 - 4 = 200$$

$\{3, 4, 7, 8\}$

$\{4, 7, 8\}$

$\{4, 7, 8\}$

$$\text{subWeight}[\text{mask}] = \text{subWeight}[\text{prevMask}] + \text{weight}[2]$$

$\{3\}$