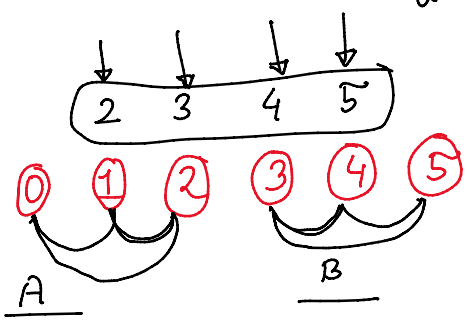
Class 20

Friday, November 26, 2021 8:56 PM

$a = 5$

$b = 9$

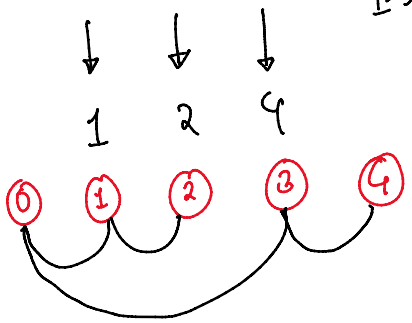
$a - x$

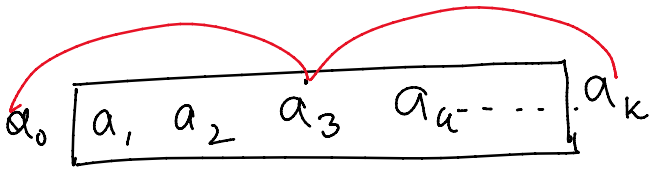


$a = 3$

$b = 4$

1 set B





1) x → $m[a-x] > 0$, join $(i, m[a-x])$ ↪ join $(i, n+1)$

$m[b-x] > 0$, join $(i, m[b-x])$ ↪ join $(i, 0)$

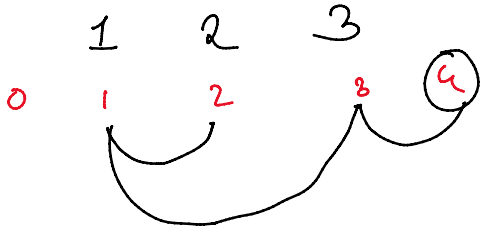
$0 \sim n+1$

A/

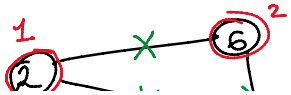
B/

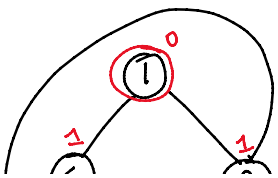
$a = 3$

$b = 4$



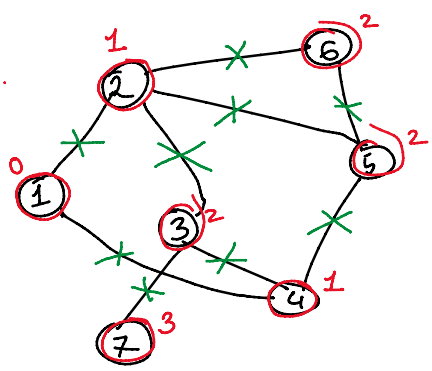
BFS



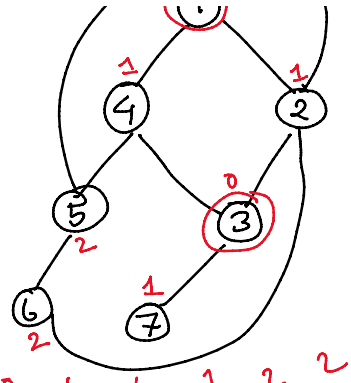


BFS

1) Traversal algo
2) Shortest Path
3) Queue



1 2 4 3 5 6 7



1, 5, 2, 4, 7, 3, 6