Lec6 Dr. Walid

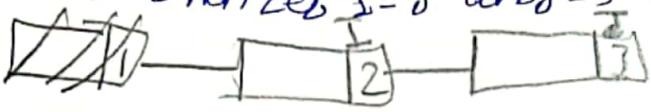
Clear Stack VS CreateStack ??
Free all elements { only Let PS->TOP = NULL.
Les PS->TOP=NULL

PS->TOP = NULL; " ⟶ XX Wrong (waste memory)

You should 1st Free elements

How ⟶ 2 Pointer technique
I , J

1- Let I hold 1 and J hold 2
Free I then Let I = J and J = 3 — So on



!! we can use 1 Pointer and Free PS->TOP every time. !!

Stack Size Sn
- we can do it with TOPS, but we can do it with less complexity
⟶ Create Files size in structure
but ?? ! ⟶ there is Trade OFF ⟶ " More memory Size

" There are no solutions ; there are only trade-offs "
— Thomas Sowell —

" which is Always better ?! " ⟶ wrong question

Array-Based ⟶ better in time
Linked-Based ⟶ better in Space

In general you cannot determin which better
it depends on your application