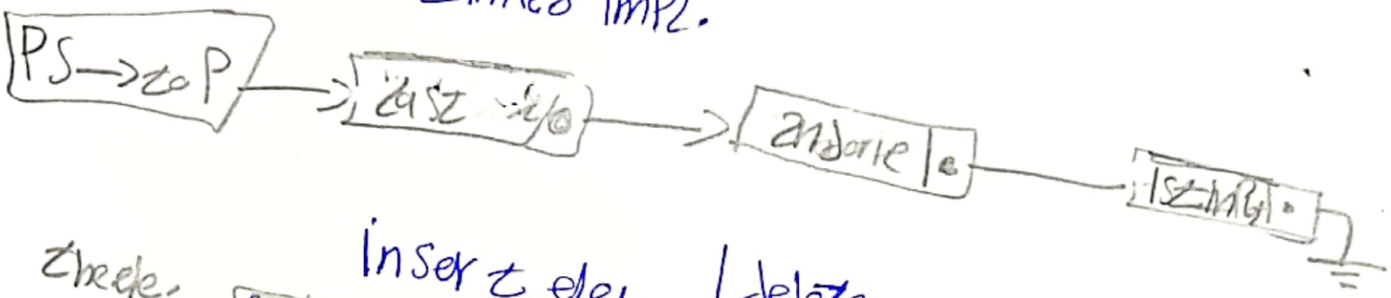
Lec 5 Dr Walid

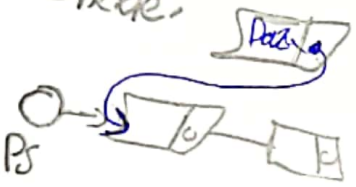
Why another implementation for Stack [linked]

1. Because we determine Max elements in Array-Based
2- to be Dynamic

Linked impl.



Create.



Insert ele.

delete

- Pn -> deletePointer to hold it
- Let PS Point to last one
- Free Pn

Why struct, why not " StackNode *Stack; "

1- to make logical distinction between the stack and its top
2- to be consistent with the definitions of othe DS.
3- For upgradability.

Malloc -> returning and return Void Pointer.
So we do Typecast (StackNode*) malloc.

Why we create "StackFull" in Linked:
more proffistionally -> always returns 0;