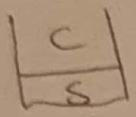
Lab 10

problem 2.

our stack will be



stack

S	D	C	A	B
1	2	3	4	5

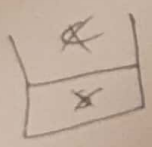
we initializing the stack we have n = 5

c ← stack.pop

we have B at pos 5

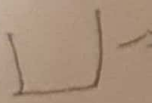
A at pos 4

we don't have anymore vertices to visit from C so



we have B which is already visited then no

~~other vertices~~ and D at pos 1 then no other vertices from S so pops S

 → stack is empty, end of operation.

So we have topological sorted item S, D, C, A, B