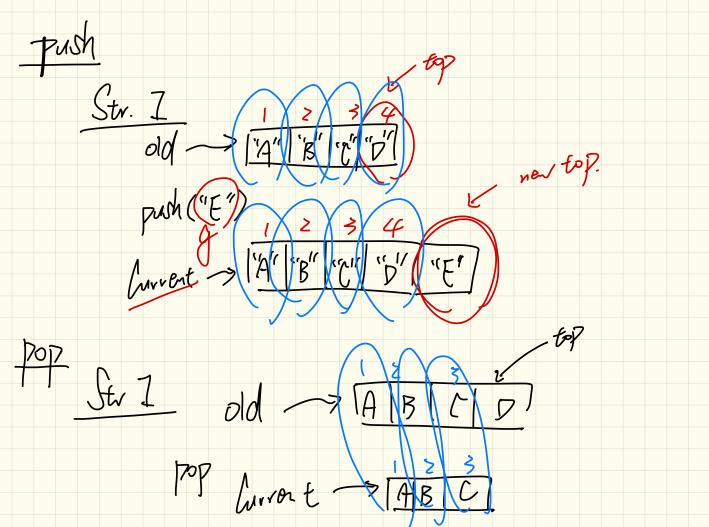
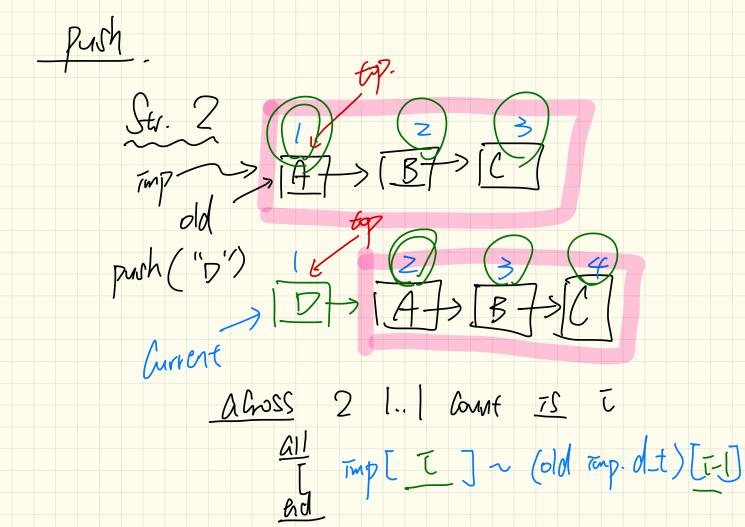
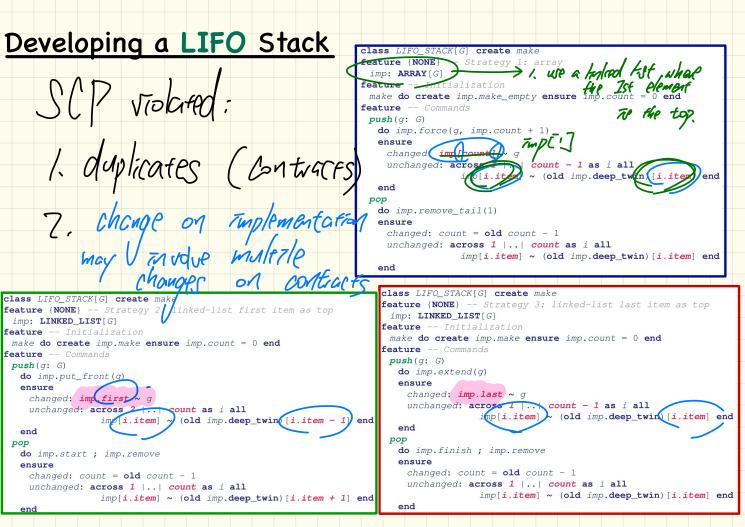
LECTURE 16 TUESDAY NOVEMBER 5

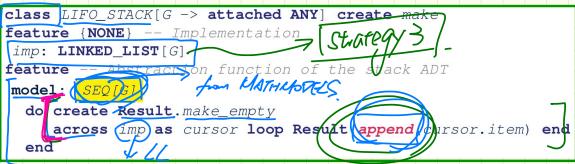




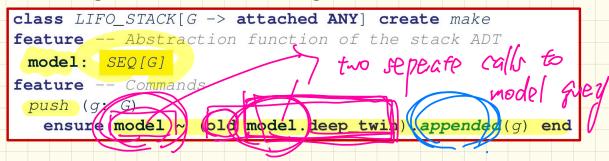


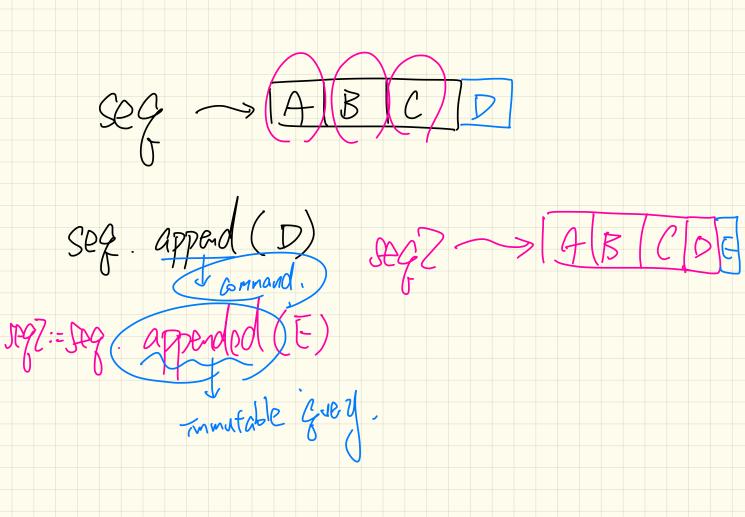
Using MATHMODELS Library

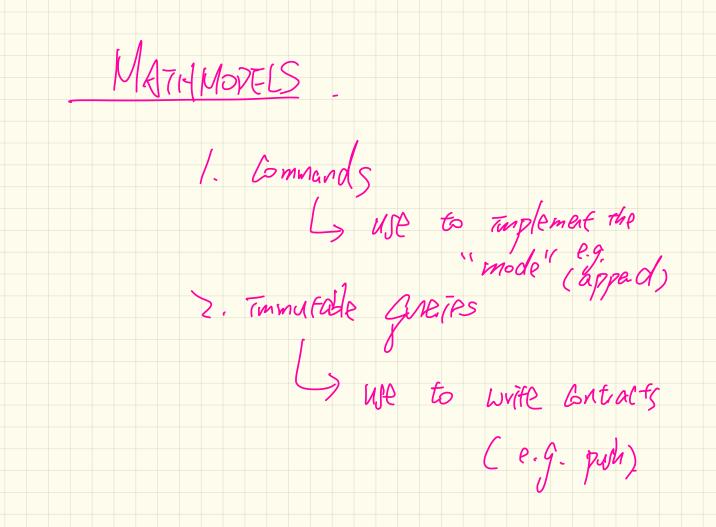
Implementing an Abstraction Function

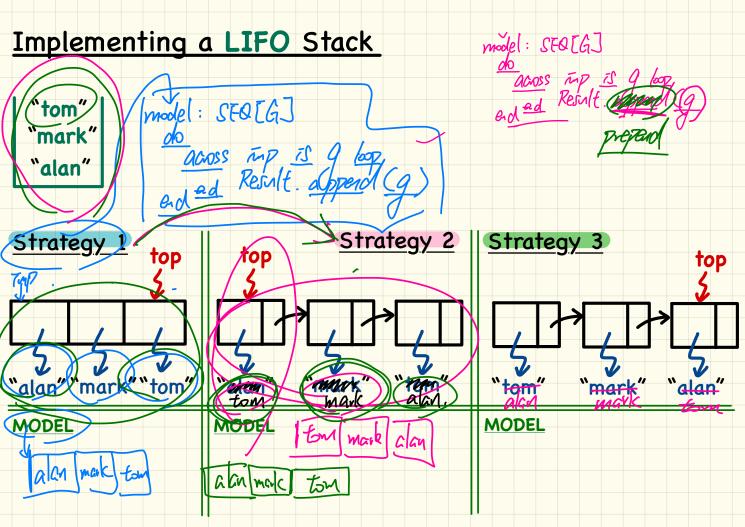


Writing Contracts using the Abstraction Function



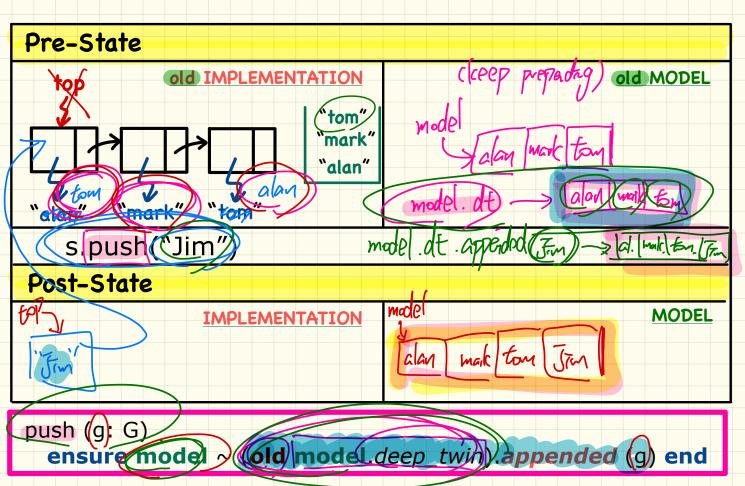






Checking MATHMODELS Contracts at Runtime

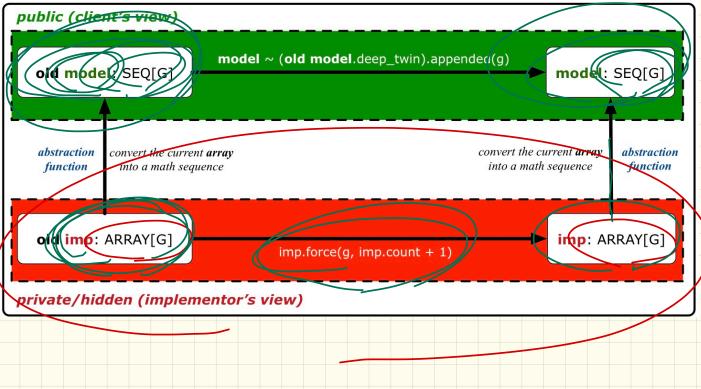
Strategy 2



tom Stack[G] class Gm marc mail Feature FLONTS TIMP: ARRAY[G] alag made feature tom That top public mode keep appealing to the end of Result preparating model s clau do top: G ENSINE Result ~ model. last

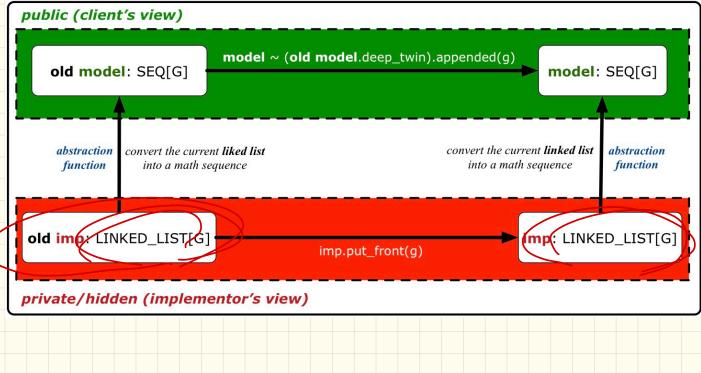
Strategy 1: Mathematical Abstraction

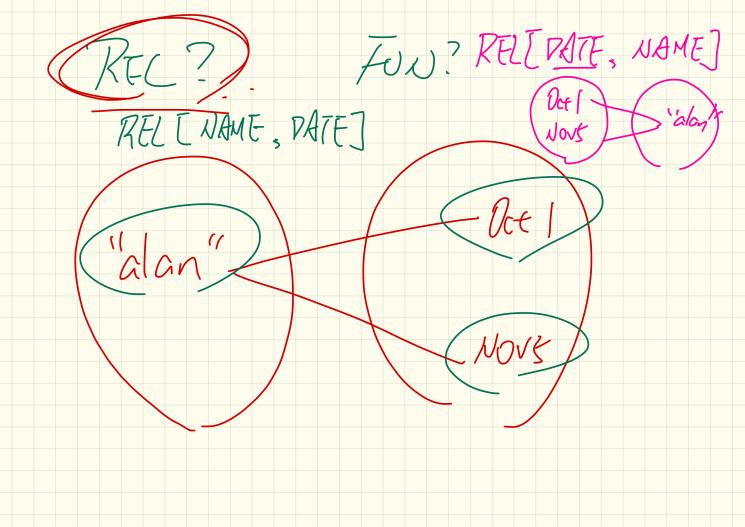
'push(g: G)' feature of LIFO_STACK ADT



Strategy 2: Mathematical Abstraction

'push(g: G)' feature of LIFO_STACK ADT





feature { XDXIE] model: SEQ[G]

feature get_model : Stath]