<u>Ju</u> 4b, c. while b doc ~ if b then (c; while b doc) else skip WTS: Yo, o', (5, while b do c) Wo Show 3 AND E. first, =>: ASSOME and Prove -INDUCT ON THE DERIVATION OF: (5, while ... ) Vo

FER DIL (5, 2) Wo,

P(D) = 2 = while b doc

SKIP, ASSSN, SEQ, IFT, IFF

VACUOUS. 2 & while b doc