Lab 5 Adilya N 1BM18USNS insert (h) if | groot

root = new node | | | eaf

noot-skeye [v] = k root - a = 1 ilie if noot > n = 3 s= new node 5 -> child (0) = noot 5 -> split child (v, nout) int i = 0 if s-shays to s kh 5-7 Chid[i) = insert Nontull (K) Most = 5 else noot - insent Not Full (le) heat Non Full (h) i= n-1 if leaf while i > 0 and Leys (i) > ke keys (i) keys(irl) = k nhile i 70 de keys(i)>k [child (1+1)-> n = 2+1-1 3

split wild Citi, child (iti) If lug (it) Lk (Militi) -> mert Mon Foll (le) nemove k i = (find(Usi) if i i n & keys(i) princye Leaf (i) the remove Nortent(1) perint (not there) if duld (i) in 2 to (i=n) Fill (1) it i>nd flag child(i-1) -> nemone (h) whild (1) => nemove (k) Aux. gremore Leaf -> shift des to left after deletion sport Ohild -> split unde into dildren nodes