Counter example: Let  $V = F^h$ . Let  $B = (e_1, e_2, e_3, e_4)$  basis of V. Comidu U = {(x,y,z,z) & F1 : x,y,z&F3 a rubyace of V. e,,ez e U, ez,en & U But, B'= (e, ez) in NOT a basis of U For example we can't form or = (1,1,2,2) & U as a liar combination of en. Cz