(a) Ju + (40-4) 1 = - DD + 186 DA , Re= put V, u = dux + duy = 0 - DP = Q Viu = d(& Re(1-4)/2) + 0 = 0+0 = 0 Republik For 2 2 De duci-y2) = 300 (MA) N = 0 Pu=0 (c) can not need SIMPLE algorithm Wn+= = wn + At (-(W. V) wn + RO D2 wn $\frac{\omega^{n+1}-\omega^{n+\frac{1}{2}}}{\Delta t}=-\omega^{n+1}\cdot \vec{\nabla}+carector$ We need to know the boundary condition w satisfies In order to galve for WHI that Contains a correction involving u