





E-Greechy Stoutegy lask 3 Action = Smax Q(x,u), R>E =>Ris uniform random value in [2,1] Random U RE E => Elepisode) = 8.9999 episode o At the beginning, & Lepsilon) is close to 1, and de random number, R" is likely to be less than, E", Dotion" tends to be randomly selected. . When the existate is large enough, the "2" (epsilon) becomes very small, and de random number, R" is likely to be greated show "E". The "Action" tends to be selected as the action with the largest Q-value in the current state o Q-Tuble: State S: QCS, Letes will be largest, Q (S up) will be larger than therest two State E: QLE, vight) will be largest. State B: Q (B, up) will be the largest. State T = larget location, all I-Value = 0 down left right, UP

Jask 4 o When the episode is large enough, every Q-value update puth will not pass through the square E, what means, the D-value corresponding to state 5 will no longer be updated.









