Illustrate the execution of QUICK-SORT on the following input, using the LAST INDEX as pivot: 12, 11, 7, 10, 2, 4, 5, 1, 9, 8, 6, 3 Divide & Recur Stop (top-down) 12 11 7 10 2 4 5 198 6 3 TE: 3 G: 12 11 7 10 4 5 98 6 过前第2 16:12 11 7 10 9 8 TE:6 LIH EISIGI L.7 1 E:8 G: 12 11 10 9 É:916.12 11 10 [:][E:10][G:12] 456789101112 (onquer ILillE: Step (bottom-up) 123 789 1011 12 456 E:3 L. E. 1 G.2 789101112 E: 6 [14] E.S 16:1 E: 8 9 10 11 12 L: 7 E:9 10 11 12 E:10) 11 12 [] [E:1] [G:12]