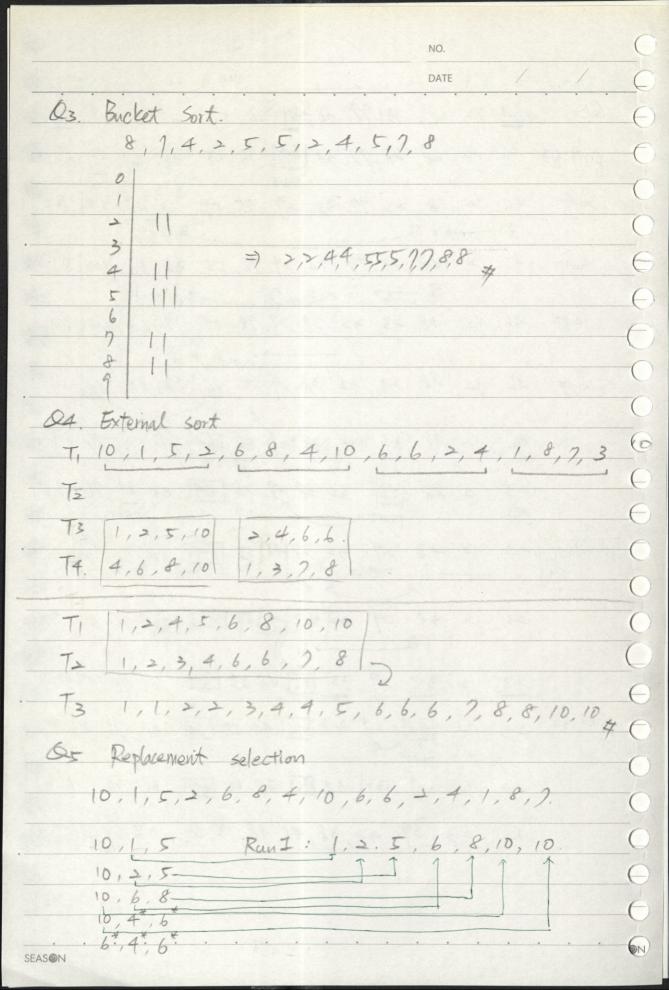
NO. SHIH-HAN WANG Data Structure & Algorithm DATE >0>1389848. Assignment 1. 01, 64, 32, 19, 83, 67, 46, 96, 55, 68, 12 a) Insertion Sort: 32, 64, 79, 83, 67, 46, 96, 55, 68, 12. 32,64,67,79,83,46,96,55.68,12 72, 46, 64, 67, 79, 83, 96, 55, 68, 12 32, 46, 55, 64, 67, 79, 83, 96, 68, 12 22, 46, 55, 64, 67, 68, 79, 83, 96, 12 12, 32, 46, 55, 64, 67, 68, 79, 83, 96 0 64, 32, 79, 83, 67, 46, 96, 55, 68, 12. 0 46,32,79,83,67,64,76,55,68,12. 0 46, 32, 55, 83, 67, 64, 96, 19, 68, 12. 46, 32, 55, 68, 67, 64, 96, 79, 83, 12 146, 32, 53, 68, 12, 64, 96, 79, 83, 67 46, 12, 15, 68, 32, 64, 96, 79, 83, 67. 46, 12, 55, 67, 32, 64, 68, 79, 83, 96. 0 46 55 67, 32,64,68,79.83,96 12 32 46 55 67 64, 68, 79, 83, 96 46 51 64 67 68 . 79 . 83, 96.

SEASON

97, 38, 81, 76, 55, 32, 48, 29, 46, 23,97,38.64, 16,55, 32, 48, 29, 81 46, 12, 68, 46, 12, 68, 23, 97, 38, 29, 76, 55, 32, 48, 64, 81. Swap 48, 23, 97, 38, 29, 76, 55, 32, 68, 64, 81 32, 38.29.76, 15.97.68.64.81 46 32 38 39. 55 64 68 81 29. 32 38 46 55 64 68 76 29 32 48 46 55 64 38 29 32 [46] 98 15. [64] pivot: 32 38 46 48 29, 72, 38, 46, 48, 55, 64., 68, 76, 81, 97 *



NO. DATE Run 2: 4, 6, 6 6 46 6 2 6 6,24,4 1*,2*,4* Run3: 1, 2, 4, 7, 8. 8, 2, 4. Run I + 2+3 1,1,2,2,4,4,5,6,6,6,7,8,8,10,1 Q6. Decision Tree 4 item = 4! = >4 leaves. depth : [log 24] = 5 #