Problem 2.1. Temp [K] yoz i=0 /0 K Temp[K]=0 Rud for 102 1=0 ton Temp[0228:3] + Framp[0228:3] +1 and jos 102 1=1 tok Temp [] > Temp [:] + Temp [:-1] Rud joz. ans = Temp[8] - Temp[0] 3 e) The worst case you Bulket sout would be when 3 all the elements gall into the same bucket and exe need to sont only that one bricked. Is me are suring insertion soil as one soiling algorithm, the worst case would be Q(n1). So, the overeal time complexity would be T(n) : O(40). O(4), which is T(n) = O(n2)