Week 3 ssegment 1. insultion soft # include = iest xam # onclude « comanis) wing ramespace std; int main () ? unt ti cin>> ti while (t--) 2 inta; in>>n; int our [n]; for linti=0; ien; i+) f cin>> our [i] int ky, comp = 0; int shift =0; fortati=1; i=n; i++) 5 Jey = arti while (j>=0 & & grees j] > Key) avoy [; +1] = alix [;] Shift ++ arch [j+1] = Key for Contieo conjet + 15 eout coarreiles ""

quit et "n shift = " eccrift; 2- Selection sout # include = iostxam> # include < ionarip using namespacistdi ext main () 5 int ti con ssti while (t--) & ent ni anssn; int aut (n), temp = 0; for (int i = 0; i<n; i++){ un Dary [i] int comp = 0, swaps=0; for (int i=0; (<n-1; i+1) { for (int j = i+1; j<n; j++){ of Cart [)] < arti) She comp++) 5 Femp = aut Si] arr[j] = arr[i]; ary [i] = temp; Swaps ++;

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For (int i = 0, i < n; i++) {

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