Sorting - arranging elements in a particuler order. 1 0 (N²)
where N's the size of the array. -> Bubble Sort

-> Selection Sort

-> Insertion Sort

Bubble Sort: mill compare two adjacent clements. (Swap). 0 1 2 3 4 5 6 9 4 8 3 1 1 6 4 8 3 1 9 Round 2. 468319 4638 7 - o 6 9 4 8 3 1 Round! Round 3. 463 189 Round 4- 5 436189 6 4 9 8 3 1 6 4 8 9 3 1 431689 6 4 8 3 9 1 Romel 5. 3 14689 6 4 8 3 19 one element at "its accuente 1/3/4/6/8/9/

If are size is n, then n-1 rounds are sufficient to cost the array. → j < n-1 > j < n-i-1 (as the last elements are sorted). already 0 1 2 3 4 5 6 9 4/x 83 3/y t9 U=0 4 5 for ["ut i= 0; i < n-1; i++){ Psendo-codefor ("ul i = 0; j < n-i-1; j+4) { j=0 < 5 (6 29) F y (antij) > anti+ij) { j=125 (974) T j=2 <5 (978) T 3 Smap (j. 13+1);
3 j=3 < 5 (973) T 1. 4 2 5 (971) T J. 5 2 5 F