

swap (minelement, arrill), [5,7,60,100,8,120] int mirelement = arr (2); for ("mt j=3; j<n; j++) { if (arrij7<minelement) | sminderij;
minelement=arrij7, sminderij; minelement >> 8. Swap (minelement, arro (25);

0 1 2 3

15,7,8,100,60,120)

Trivelement = arro (3) (5,7,8,6.0,100,120) 4. if [arr[j] < arr[mininden])?

mininder = j; > minindex

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swafo (arr[i], arr[aundex])

for (int (=0; (<n-1; (++) } int minindex = i; for(int j=i+1; j<n; j++) } if (arr(j) < arr[winindex]) { int temp = arrei3; arrti] = arrtuinindex], arr(0) arr(0) arr [win index] = temp, arrell-tempi for (int i:o; (<n; (+1)) {
S.o.p(arr(i) + ""),

Insertion Sort -> for every element, find the correct position in left

Gorl J: [100, 6, 40, 15, 90] I [100,100,40,15,90] [6, too, 40, 15, 90]

I inttemp arr(2) 6,40,100,15,90] 0 | 2 3 4 temp=arri37=15. [6, 15,40,100,90] [6,15,40,90,100]

[1001, 11 [75,100,4,95,-10] 1 2 3 4 0:2. 1 femp: arr[2]:4. [75, 100, 100, 95, -10] [75,75, 100, 95,-19] $\begin{bmatrix} 4,75,100,95,-10 \end{bmatrix}$ $\begin{bmatrix} 4,75,100,100,-10 \end{bmatrix}$ [4, 75, 95, 100, -10] (=4 femp=-10 [4, 75, 95, 100, 100] [4,75,95,95,106] [4, 75,75,95,100] [4,4,75,95,100]

[-10, 4, 75, 95, 100] 0-1 tom-1 for(int (=1; (<n; (++)) & int temp= arrti], for (int j= i-1; j>=0; j--) { if (arrij]>temb)? axx []+1] = axx [i]. felse ? break! axx [7+1] : temp;