Ascending

C = n RI R5 2 6 LOR2 LORS Made with Goodnotes

index = 0

for (i=1; i (=n; i++) {

if (arr [i] < arr [index)) {

index = i

R - 4 R -5

for (i=0; (< n-1; 1++) } index z i for (j= i+1; j<n; j++) { claration (arr [j] < arr [index]) { index = j; Spore A Uxilbry 0(1) Total spore 1+0 , arr [&] Swap (arr [index] 0(n) 33

$$i=0$$

$$j=1 \text{ hon } j=2 \text{ hon }$$

$$n-1$$

$$n-1 + n-2 + \frac{1}{2} \text{ Best } \Rightarrow \Omega(n^2)$$

$$n-1 + n-1 + n-2 + \frac{1}{2} \text{ and } n^2 - n^2$$













