Selection Sort

Start → Initialize array,n → Outer loop: i=0 to n-2 → minIndex = i → Inner loop : j=i+1 ton-1

Compare arr[j] with arr[minIndex] — No → No change

Compare arr[j] with arr[minIndex] — Yes → minIndex =j → Inner loop ends → Swap arr[i] and arr[minIndex]

Swap arr[i] and arr[minIndex] → outer loop ends — No → Repeat process → Stop