Selection Sort

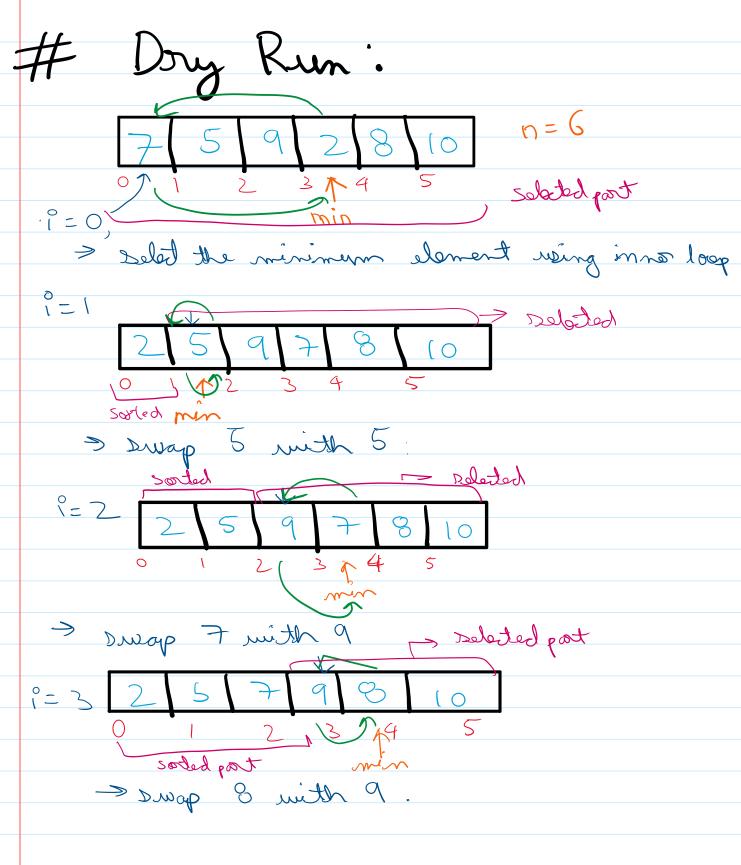
ti gared but meninim ent teles < tronsle meninim noitable chase telps <

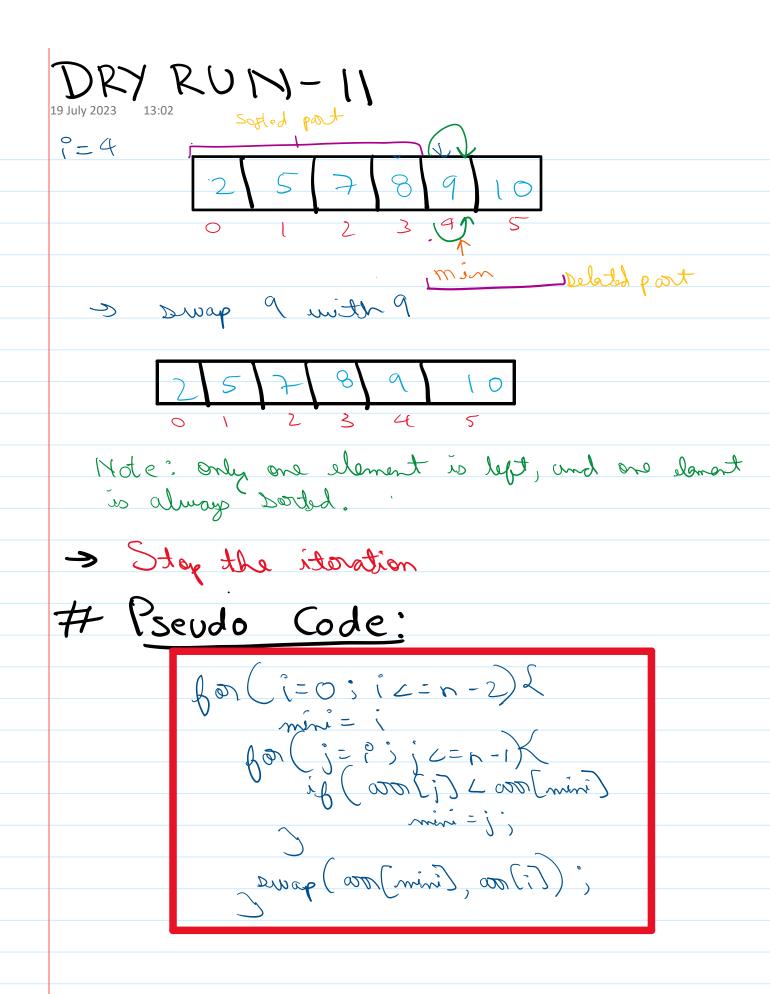
It Example:

25 2 100 50 39 5 0 90

Algorithm:

- . Select the trange, from 0 > n-1, containing all all the elements, (using a for loop)
- transle runninim att tielet point att dae in .
- Duage the minimum element with the first element of the soluted range.
- ett brief Him nog noitorati doe ratgo. Aprot betieber ett ortgu betros si gorco







C++ Suntion with, input away and away size:

```
void selectionSort(vector<int> &arr, int n)
{
   // outer loop
   for (int i = 0; i <= n - 2; i++)
   {
      int minIndex = i;
      // inner loop to find minimum element
      for (int j = i; j <= n - 1; j++)
      {
        if (arr[j] < arr[minIndex])
            minIndex = j;
      }
      // swap minimum with starting index of selected array
      int temp = arr[minIndex];
      arr[minIndex] = arr[i];
      arr[i] = temp;
    }
}</pre>
```