

```
procedure selection sort
    list : array of items
    n     : size of list

    for i = 1 to n - 1
        /* set current element as minimum*/
        min = i

        /* check the element to be minimum */

        for j = i+1 to n
            if list[j] < list[min] then
                min = j;
            end if
        end for

        /* swap the minimum element with the current element*/
        if indexMin != i then
            swap list[min] and list[i]
        end if

    end for
end procedure
```