**Selection sort**

Pseudo code

Create variable j saving index of element sorted and assign values of first element is the max of the list and loop to check max element in the list.

If another elements greater than max element and then update current max element with element great than max and swap element with first max element.(2)

Increase index sorted and move on the second element and assign it as max element and compare with another elements.

If another elements greater than second element and then it swap max second element with element greater than it.

Continue until the end of the list.

Complex analysis: O(n^2)

T max=data[0];

int j=0;//saving position ordered

//23 42 4 16 8 15

//load find min array

while(j<data.length - 1){

for(int i=j;i<data.length;i++){

if(comparator.compare(max,data[i])<0){

//get min

max=data[i];

swap(j,i);

}

}

j++;

max=data[j];

}