**package** Sorting\_Algorithms;

**public class** SelectionSortAlgorithm {

**public int minValue** = 0;

**public int temp** = 0;

**public void** selectionSort(**int**[] inputArray)

{

**for** (**int** i=0;i<inputArray.**length**;i++)

{

**minValue** = inputArray[i];

**for** (**int** j=i;j<inputArray.**length**;j++)

{

**if** (inputArray[j]<**minValue**)

{

**minValue** = inputArray[j];

**temp** = inputArray[j];

inputArray[j] = inputArray[i];

inputArray[i] = **temp**;

}

}

}

}

**public static void** main(String[] args) {

**int**[] inputArray = {4,1,3,2,5,10,7,6,9,8};

SelectionSortAlgorithm objectSelectionSort = **new** SelectionSortAlgorithm();

objectSelectionSort.selectionSort(inputArray);

**for** (**int** i : inputArray)

{

System.***out***.print(i+**" "**);

}

}

}