

SelectionSort.java

```
1 package in.neuron.main;
2
3 import java.util.Arrays;
4
5 public class SelectionSort {
6
7     static void sel_sort(int numArray[])
8     {
9         int n = numArray.length;
10
11         for (int i = 0; i < n-1; i++)
12         {
13
14             int min_idx = i;
15             for (int j = i+1; j < n; j++)
16                 if (numArray[j] < numArray[min_idx])
17                     min_idx = j;
18
19
20             int temp = numArray[min_idx];
21             numArray[min_idx] = numArray[i];
22             numArray[i] = temp;
23         }
24     }
25
26     public static void main(String args[])
27     {
28
29         int numArray[] = {7,5,2,20,42,15,23,34,10};
30         System.out.println("Before Sorted:" + Arrays.toString(numArray));
31
32         sel_sort(numArray);
33
34         System.out.println("After Sorted:" + Arrays.toString(numArray));
35     }
36 }
37
```