**package** com;

**public** **class** selection {

**void** selection(**int** a[])

{

**int** i, j, small;

**int** n = a.length;

**for** (i = 0; i < n-1; i++)

{

small = i;

**for** (j = i+1; j < n; j++)

**if** (a[j] < a[small])

small = j;

**int** temp = a[small];

a[small] = a[i];

a[i] = temp;

}

}

**void** printArr(**int** a[])

{

**int** i;

**int** n = a.length;

**for** (i = 0; i < n; i++)

System.***out***.print(a[i] + " ");

}

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

**int** a[] = {1,2,3,4,5,6,7,35,253,46 };

selection i1 = **new** selection();

System.***out***.println("\nBefore sorting array elements are - ");

i1.printArr(a);

i1.selection(a);

System.***out***.println("\nAfter sorting array elements are - ");

i1.printArr(a);

System.***out***.println();

} }