public class assignment2 {

static class Pair {

int min;

int max;

}

static Pair getMinMax(int arr[], int n) {

Pair minmax = new Pair();

int i;

if (n == 0) {

minmax.max = arr[1];

minmax.min = arr[0];

return minmax;

}

if (arr[0] > arr[1]) {

minmax.max = arr[0];

minmax.min = arr[1];

} else {

minmax.max = arr[1];

minmax.min = arr[0];

}

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

if (arr[i] > minmax.max) {

minmax.max = arr[i];

} else if (arr[i] < minmax.min) {

minmax.min = arr[i];

}

}

return minmax;

}

public static void main(String args[]) {

int arr[] = { 1, 5, 100, 4, 3, 5, 2, 3, 7, 3, 200 };

int arr\_size = 11;

Pair minmax = *getMinMax*(arr, arr\_size);

System.***out***.printf("\nMinimum element is %d", minmax.min);

System.***out***.printf("\nMaximum element is %d", minmax.max);

}

}