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Main.java

Run

```java
import java.util.Arrays;
public class Exercise10 {

   static int max;
   static int min;

    public static void max_min(int my_array[]) {
        max = my_array[0];
        min = my_array[0];
        int len = my_array.length;
        for (int i = 1; i < len - 1; i = i + 2) {
            if (i + 1 > len) {
                if (my_array[i] > max) max = my_array[i];
                if (my_array[i] < min) min = my_array[i];
            }
            if (my_array[i] > my_array[i + 1]) {
                if (my_array[i] > max) max = my_array[i];
                if (my_array[i + 1] < min) min = my_array[i + 1];
```

Output

Clear

```
java -cp /tmp/kM9wwnrxb0 Exercise10
Original Array: [25, 14, 56, 15, 36, 56, 77, 18, 29, 49]
Maximum value for the above array = 77
Minimum value for the above array = 14
```

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Main.java

Run

```
        }
        if (my_array[i] < my_array[i + 1]) {
            if (my_array[i] < min) min = my_array[i];
            if (my_array[i + 1] > max) max = my_array[i + 1];
        }
    }
}

public static void main(String[] args) {
        int[] my_array = {25, 14, 56, 15, 36, 56, 77, 18, 29, 49}
            ;
    max_min(my_array);
    System.out.println(" Original Array: "+Arrays.toString
        (my_array));
    System.out.println(" Maximum value for the above array = " +
        max);
    System.out.println(" Minimum value for the above array = " +
        min);
}
```

Output

Clear

```
java -cp /tmp/kM9wwnrxb0 Exercise10
Original Array: [25, 14, 56, 15, 36, 56, 77, 18, 29, 49]
Maximum value for the above array = 77
Minimum value for the above array = 14
```

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