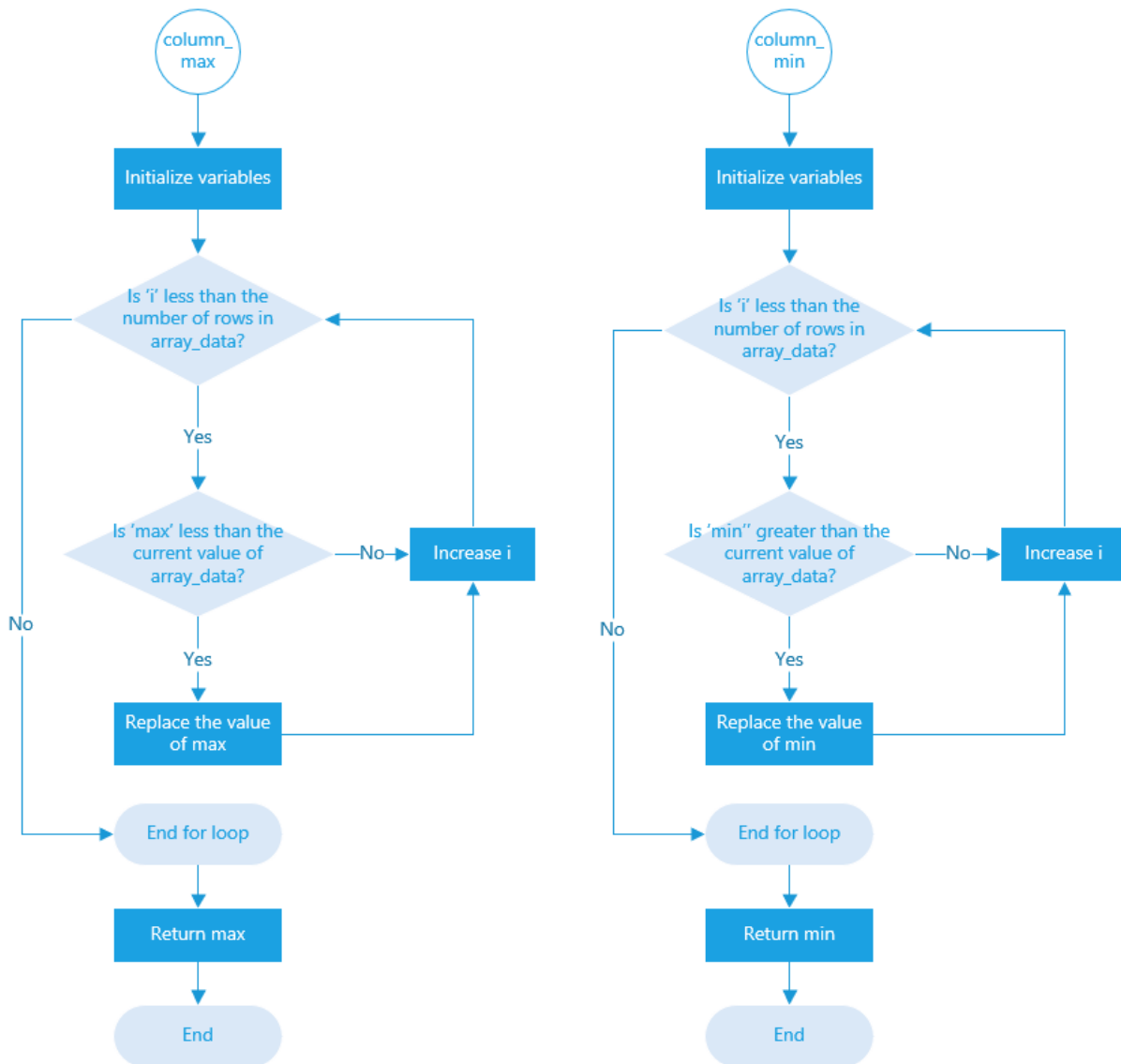


Min/Max functions flowchart:



Output from C code:

Select Microsoft Visual Studio Debug Console

```

The minimum from the healthy ECG is: 5.468750
The maximum from the healthy ECG is: 8.789060

The minimum from the damaged ECG is: 4.003910
The maximum from the damaged ECG is: 7.714840

The minimum from the first ERGO test is: 295.894938
The maximum from the first ERGO test is: 2325.023776

The minimum from the second ERGO test is: 429.724005
The maximum from the second ERGO test is 2547.543261
  
```

Output from MATLAB code:

```
Command Window
>> Lab_0
The minimum from the healthy ECG test is: 5.468750
The maximum from the healthy ECG test is: 8.789060

The minimum from the damaged ECG test is: 4.003910
The maximum from the damaged ECG test is: 7.714840

The minimum from the first ERGO test is: 295.894938
The maximum from the first ERGO test is: 2325.023776

The minimum from the second ERGO test is: 429.724005
The maximum from the second ERGO test is: 2547.543261
fx >>
```

Data plots:

