```
                 ┌──────────────┐
                 │    Start     │
                 └──────────────┘
                        │
                 ┌──────────────┐
                 │     Get      │
                 │X1,X2,X3,X4,x5│
                 └──────────────┘
                        │
                   ╱X1 < X2╲ ──────────── Replace Value of
                   ╲       ╱               X1 with X2
                        │
                   ╱X2 < X3╲ ──────────── Replace Value of
                   ╲       ╱               X2 with X3
                        │
                   ╱X3 < X4╲ ──────────── Replace Value of
                   ╲       ╱               X3 with X4
                        │
                   ╱X4 < X5╲ ──────────── Replace Value of
                   ╲       ╱               X4 with X5
                        │
              ╱X1 < X2 < X3 < X4 < X5╲
                        │
                   ┌Max = X5┐
                   │Min = X1│
                        │
                 ┌──────────────┐
                 │    Stop      │
                 └──────────────┘
```

Start

Get X1,X2,X3,X4,x5

$X1 < X2$ → Replace Value of X1 with X2

$X2 < X3$ → Replace Value of X2 with X3

$X3 < X4$ → Replace Value of X3 with X4

$X4 < X5$ → Replace Value of X4 with X5

$X1 < X2 < X3 < X4 < X5$

Max = X5
Min = X1

Stop