



## micro:bit | Radio Vote Counter

Libraries: **LED Display** **Radio**

Blocks from: **Control** **Operators** **Variables**

**Output**

This radio vote counter lets people vote with their micro:bits. You can have as many voter micro:bits as you want. One micro:bit is needed to count the votes. For the voters, button A votes yes, B votes no.

### Voter scripts

when button **A** pressed

radio send number **1**

when button **B** pressed

radio send number **2**

### Voter Counter scripts

when button **A** pressed

set **yes votes** to **0**

set **no votes** to **0**

forever

wait until **radio message received?**

if **1 = radio last number**

change **yes votes** by **1**

if **2 = radio last number**

change **no votes** by **1**

say **yes: yes votes no: no votes**

when button **B** pressed

stop other tasks

say **Final count yes: yes votes no: no votes**

scroll text **Yes**

scroll text **yes votes**

scroll text **No**

scroll text **no votes**

Press the A button on the vote counter micro:bit to start.

Press the B button to end the voting and show the result.