



Code a program to identify and display the location value of each Slider position

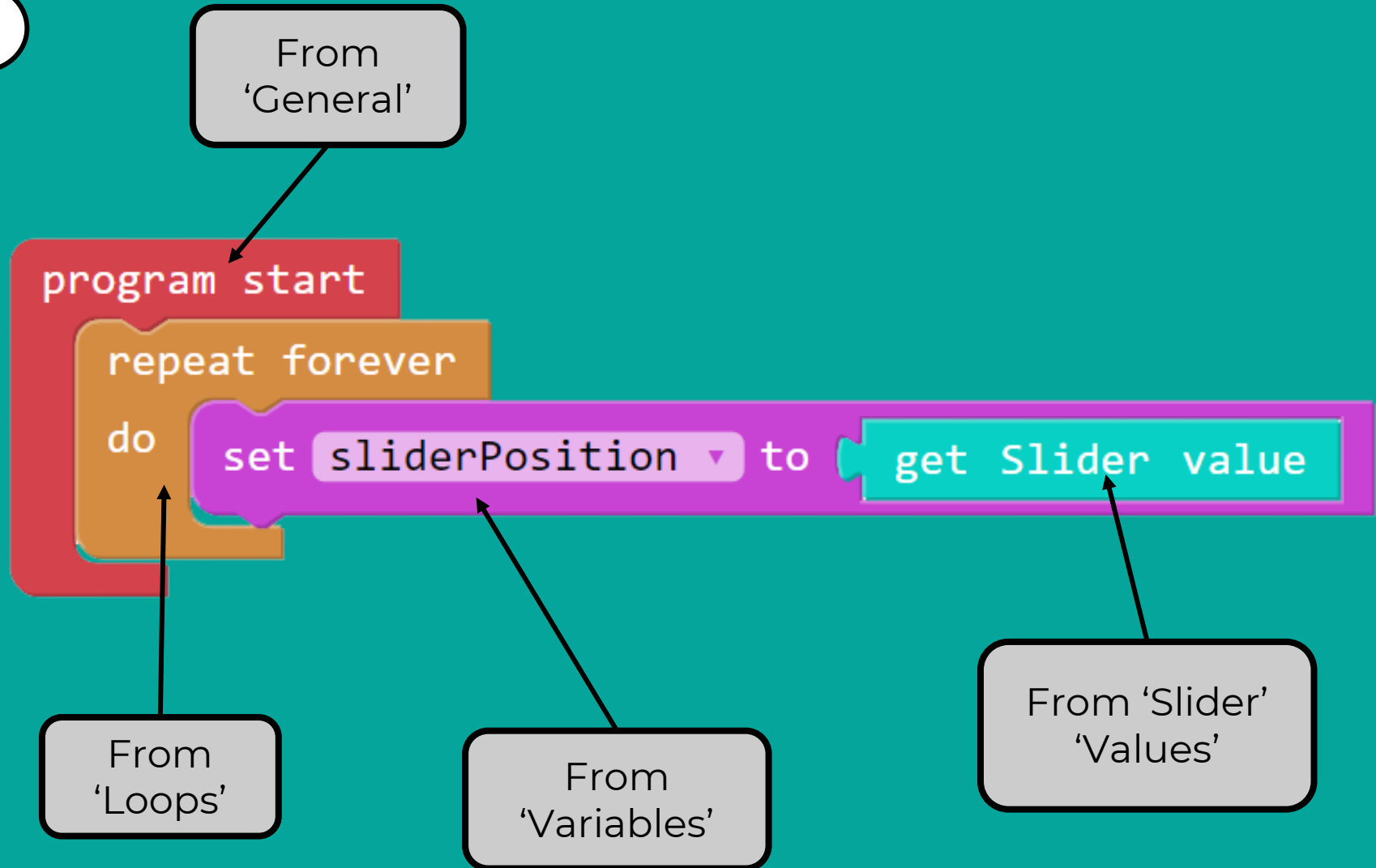
1

Create variable...

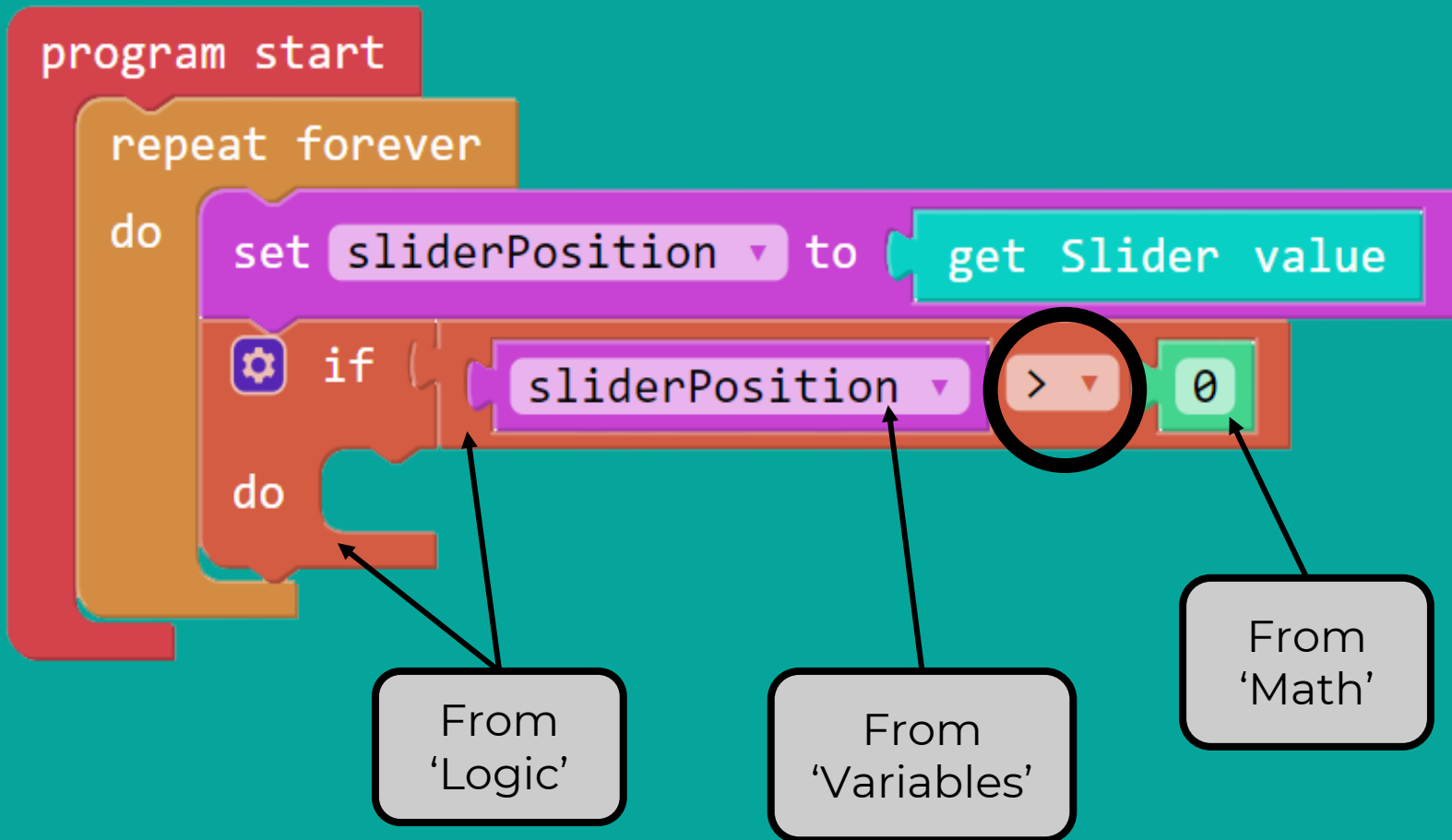
New variable name:

'sliderPosition'

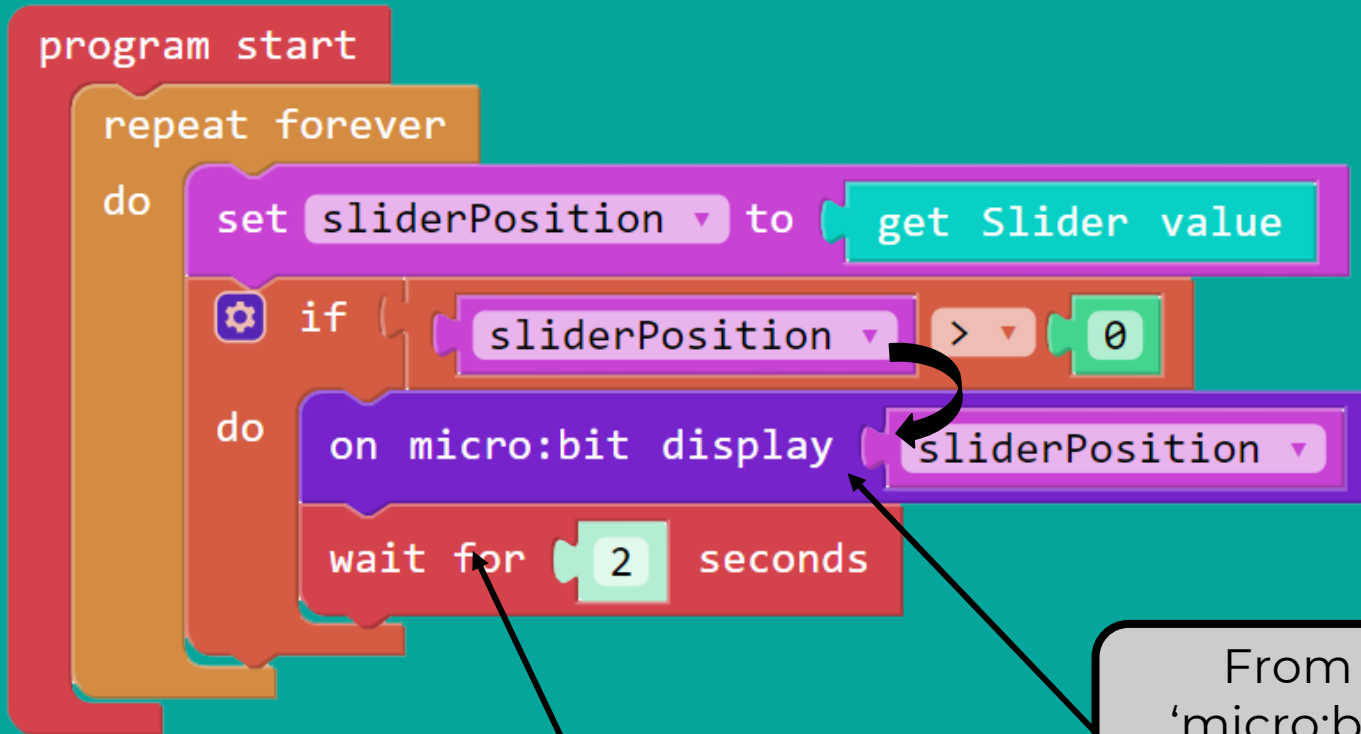
2



3



4



Duplicate  
'sliderPosition'

From  
'General'

From  
'micro:bit'  
'Actions'

Test your program!





Can you help me check my Cyber Scanner is working correctly?

when micro:bit **A** is pressed

on micro:bit display



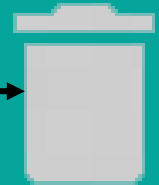
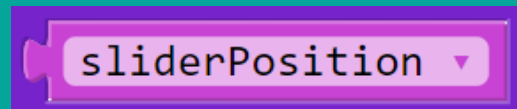
'yes'

From  
'micro:bit'  
'Events'

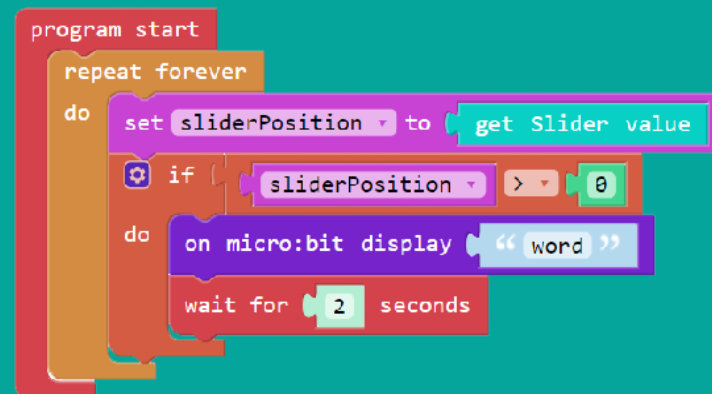
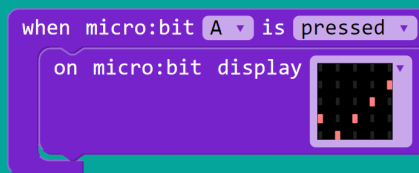
From  
'micro:bit'  
'Actions'

Create a program that will create a random password.

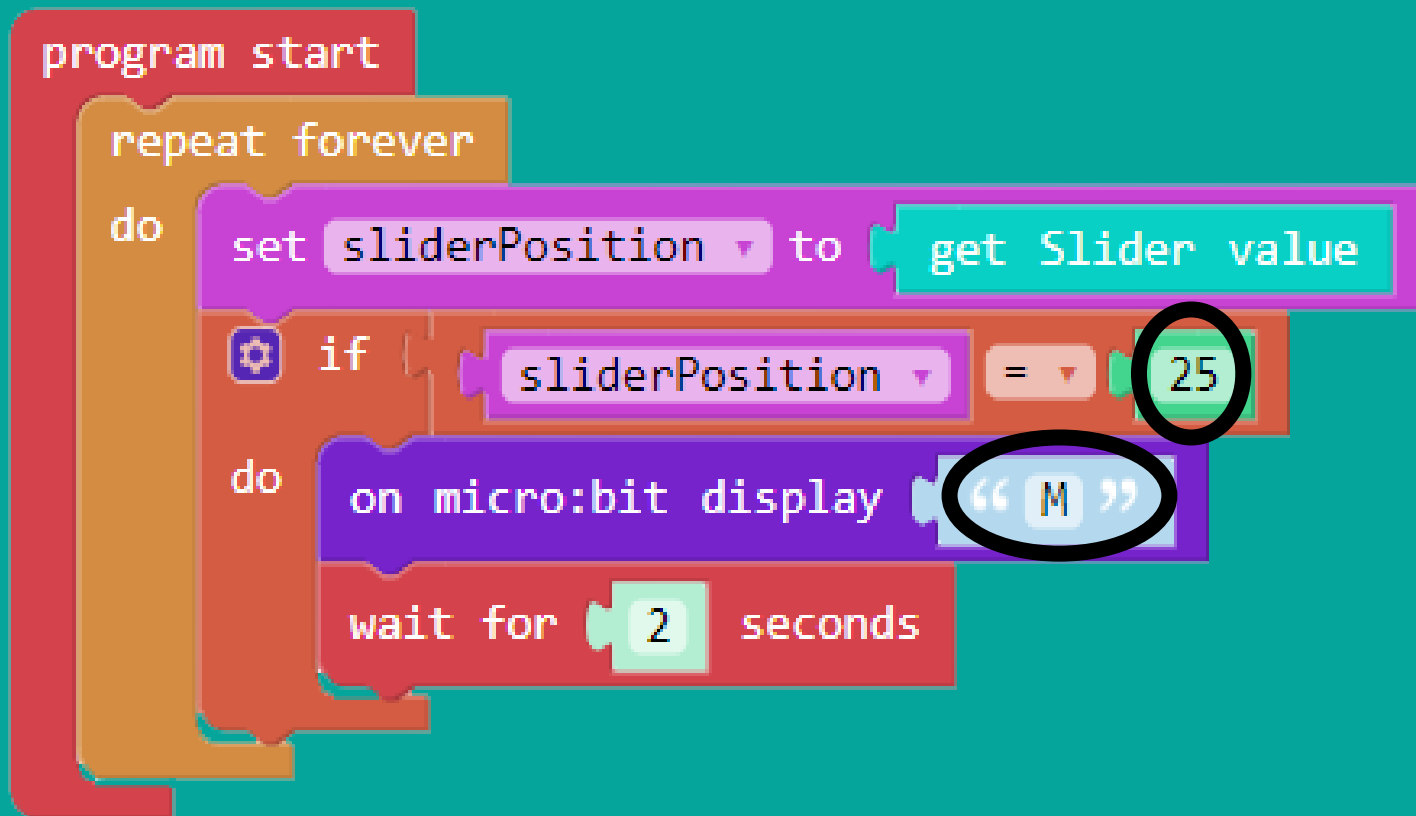
First, remove the 'sliderPosition' block.



Your workspace will then look like this:



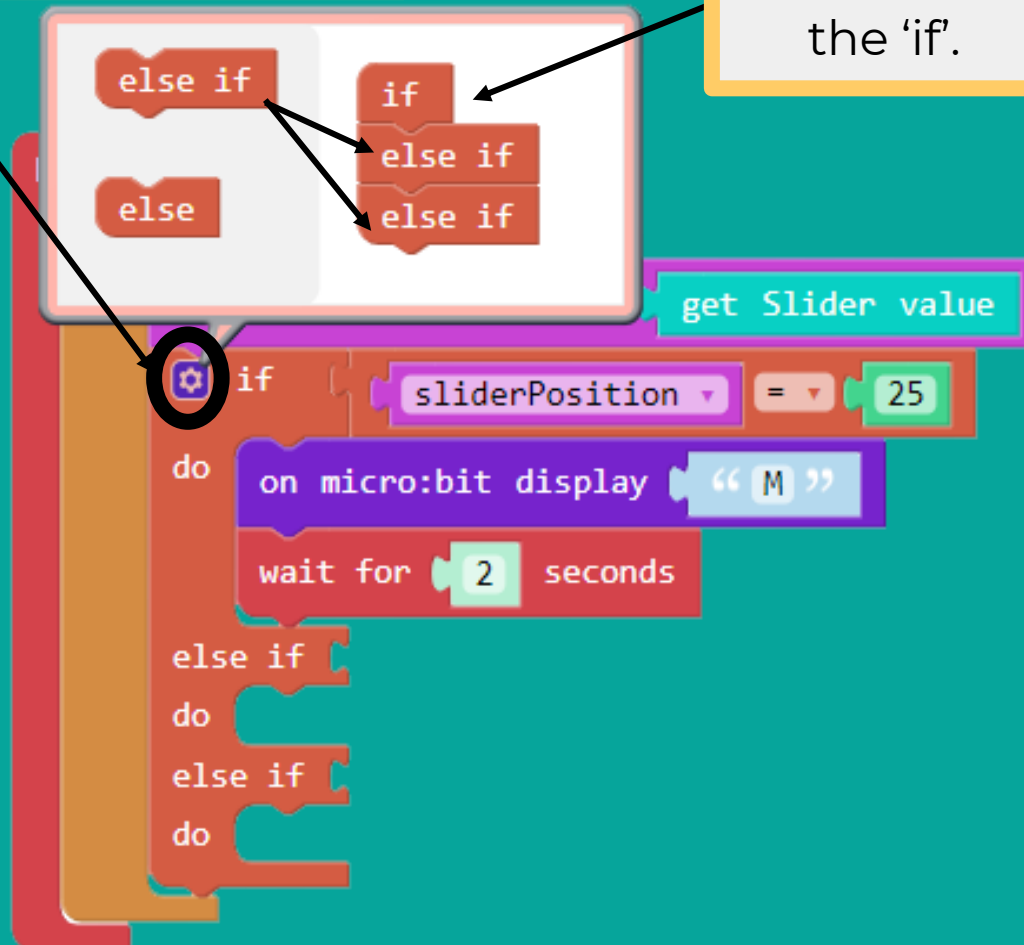
1



2

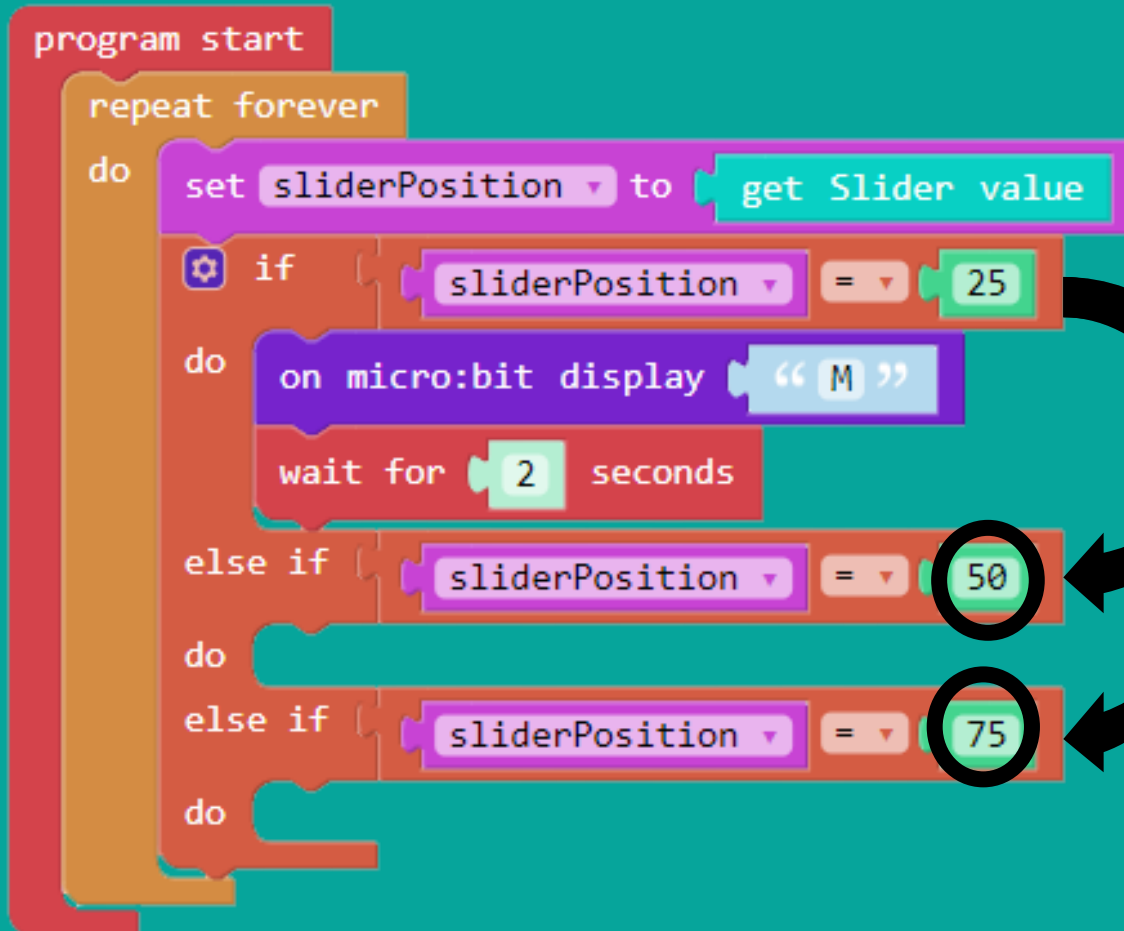
Click the settings icon.  
Drag 2 'else if' blocks to  
the right.

Snap under  
the 'if'.



3

Remember to right-click  
to duplicate blocks!



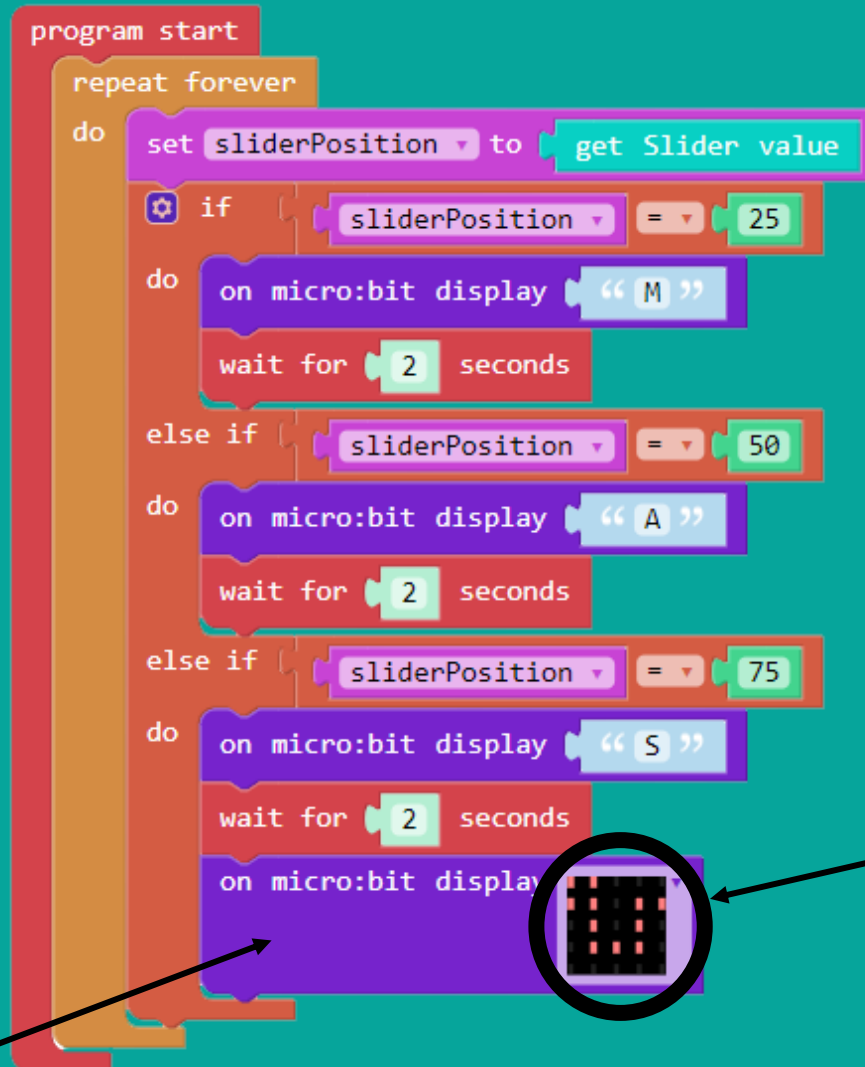
Duplicate  
twice

4



Duplicate  
both  
blocks  
twice

5




'snake'

From  
'micro:bit'  
'Actions'

# Challenge: Test your program

```
when micro:bit A is pressed
  on micro:bit display
```




Move the Slider slowly to reveal!

```
program start
  repeat forever
    do
      set sliderPosition to get Slider value
      if sliderPosition = 25
        do
          on micro:bit display "M"
          wait for 2 seconds
        else if sliderPosition = 50
          do
            on micro:bit display "A"
            wait for 2 seconds
          else if sliderPosition = 75
            do
              on micro:bit display "S"
              wait for 2 seconds
              on micro:bit display
```

