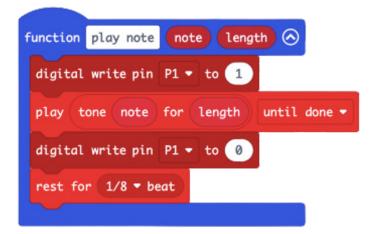
Lights and Music!

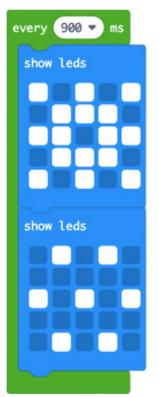


For this project you will need some <u>battery operated*</u>
fairy lights that you don't mind experimenting With! *They
must be battery operated - NOT MAINS ELECTRICITY!

Choose fairy lights that only use 2 AA or 2 AAA batteries. (Maximum 3V).

Here is the code:





Make an animation using your micro:bit's LEDs.

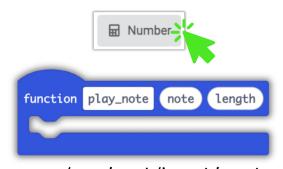
You may also like to code a STOP button.



Click on 'Function' button and 'Make a Function'.



Then, click on 'Number' twice so that 2 x Number parameters appear in the function box.



Type 'note' and 'length' in the parameter values.



Use this code to use the micro:bit's own speaker.



Lights and Music!





```
call play note (494)
                   200
call play note (440)
                   200
call play note (440)
                   200
call play note 494
                   200
call play note 440 400
pause (ms) 50 ▼
call play note (587) (400)
pause (ms) 200 ▼
call play note 494
                   200
call play note 494
                   200
call play note (494)
                   400
pause (ms) (75 ▼
call play note 494
                   200
call play note 494
                    200
call play note 494
                    400
pause (ms) 150 ▼
call play note (494)
                   200
call play note (587)
                   200
call play note 392
                   400
call play note (440)
                    100
                   400
call play note (494)
pause (ms) 100 ▼
call play note (523) (200)
call play note (523)
                   200
```



This code plays 'Jingle Bells'. Can you code a different festive melody for your micro:bit?

