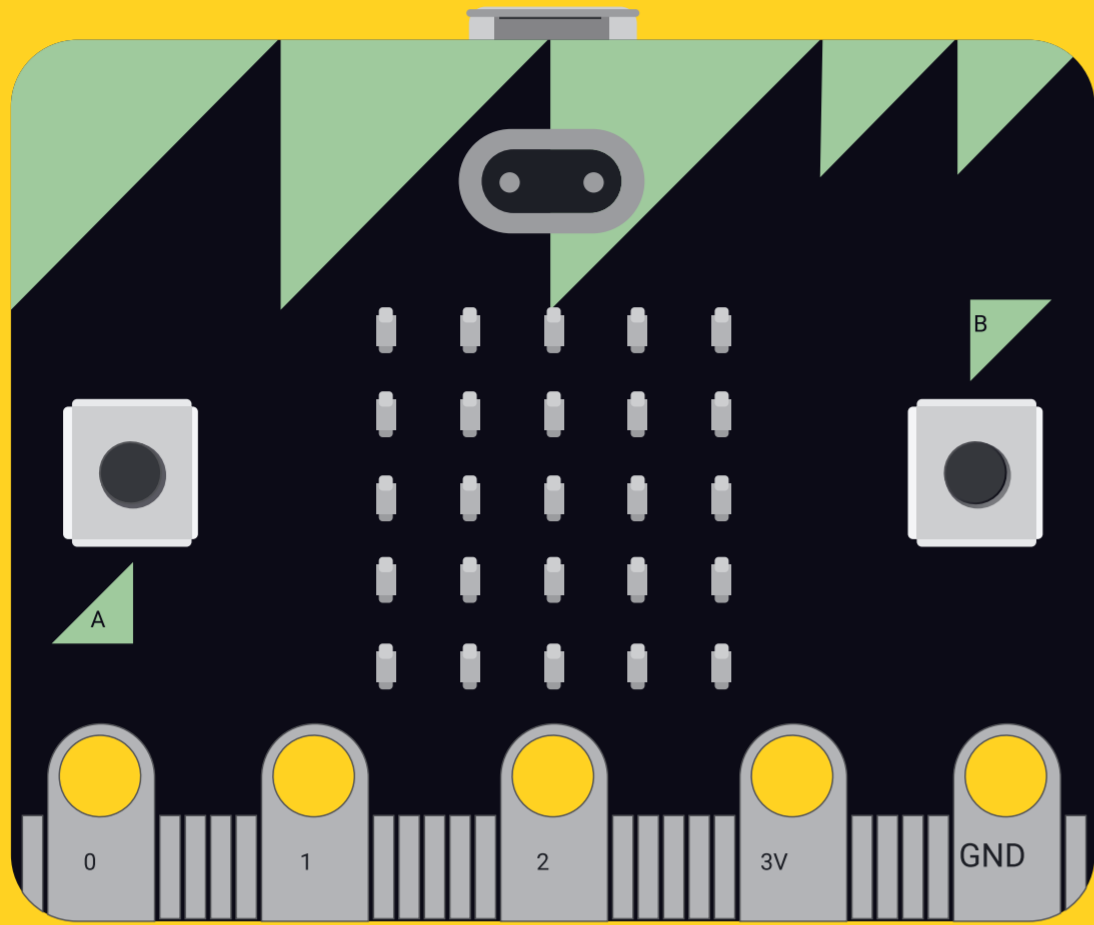# micro:bit

Start your program

```python
from microbit import *
```

Show an image on the display

```python
display.show(Image.HEART)
```

Scroll text across the display

```python
display.scroll('Hello, World!')
```

Clear the display

```python
display.clear()
```

Show image for 2 secs then scroll text

```python
display.show(Image.YES)
sleep(2000)
display.scroll('Good job')
```

Show image if button B is pressed

```python
while True:
    if button_a.is_pressed():
        display.show(Image.HAPPY)
```

Show image if button B is pressed
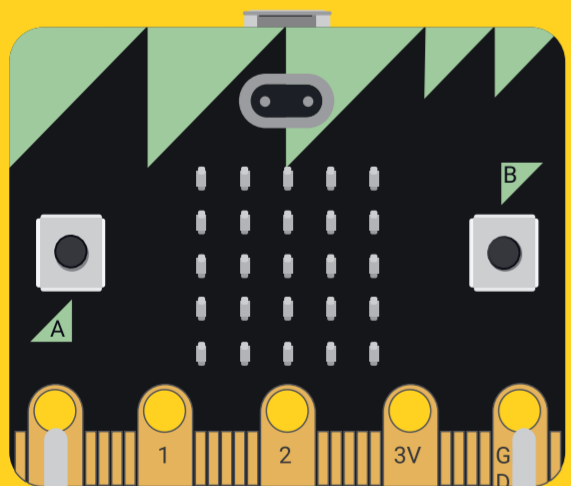
```python
while True:
    if button_b.is_pressed():
        display.show(Image.SAD)
```

Show image if buttons A and B are pressed together

```python
while True:
    if button_a.is_pressed() and button_b.is_pressed():
        display.show(Image.FABULOUS)
```

Scroll a message when you shake the micro:bit

```python
while True:
    if accelerometer.was_gesture('shake'):
        display.scroll('Hey!')
```

Play a song

```python
import music
music.play(music.DADADADUM)
```

Play your own tune

```python
import music

music.set_tempo(bpm=180)
music.play(['C4:4','G3:1',':1','G3:2'])
music.play(['A3:4','G3:4'])
music.play([':4','B3:4','C4:4',':4'])
```