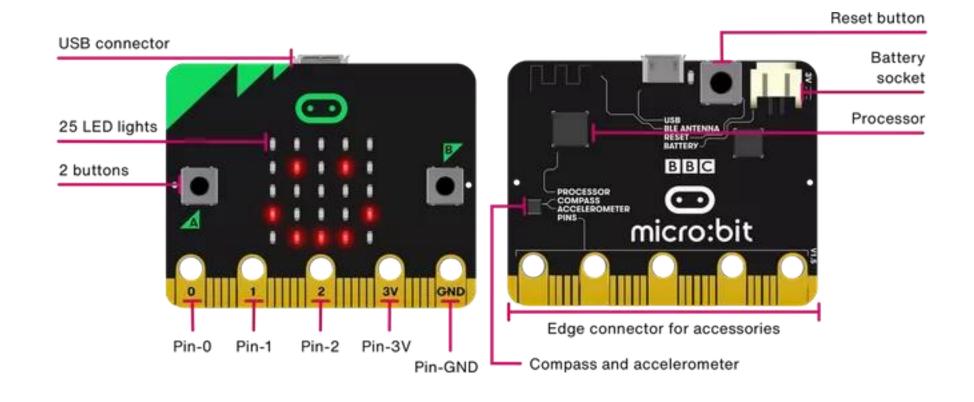


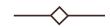
PYTHON BASICS TUTORIAL



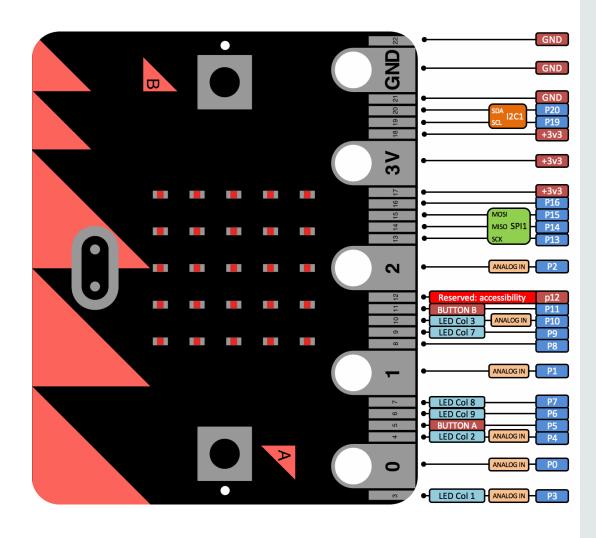
Microbit



Features of the Microbit



- An accelerometer for detecting movement and orientation
 - A magnetometer for detecting magnetic fields
 - A temperature sensor
 - Bluetooth connectivity for communication with other devices
- 20 input/output (I/O) pins for connecting sensors, motors, and other devices
 - A built-in speaker for playing sound



Inchworm (Spot the difference!)





Some wires for the Inchworm



Alligator Clips

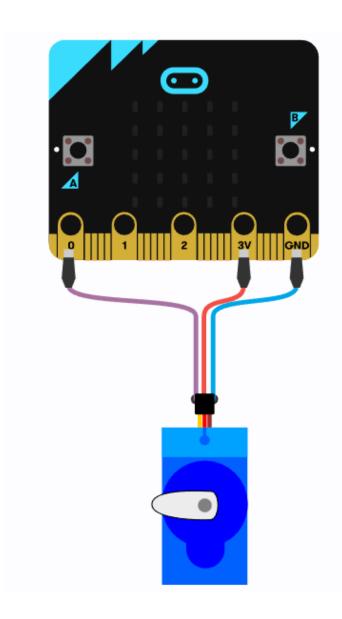


Male Jumper Wires



Female Jumper Wires

A pigtail has a type of connector wire (male or female) only on one end



Microbit to Servo connection

Servo → Microbit

Brown → Ground (Blue)

 $Red \rightarrow 3V (Red)$

Yellow → Pin 0 (Purple)

Colors in brackets don't matter (Use any)

