

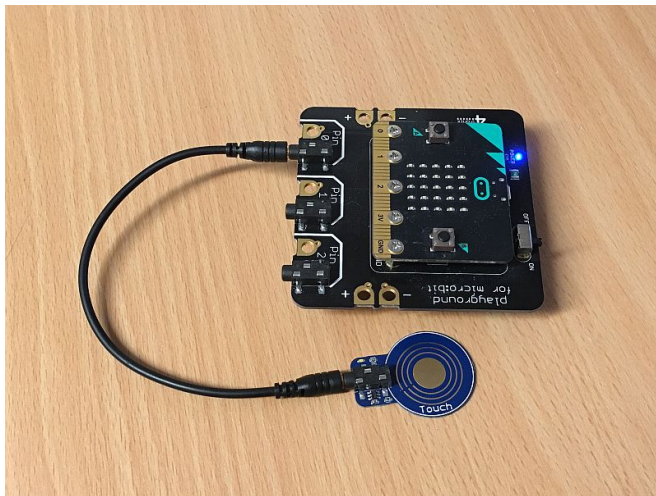
Using the Touch Sensor Gizmo with Playground for micro:bit

Requirements:

- Playground for micro:bit, with micro:bit and batteries installed
- Touch Sensor Gizmo
- 1 x Connection cable

Connections:

1. Switch Playground OFF
2. Plug connection cable into Gizmo and Pin 0 on Playground
3. Switch Playground ON



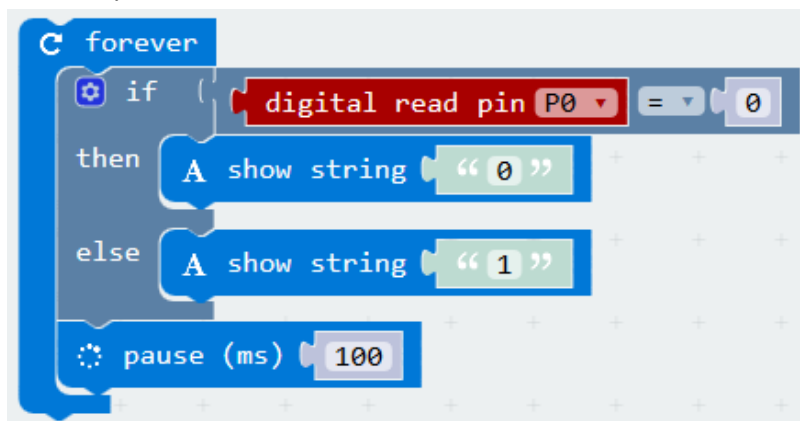
Without Software:

Touch the round pad on the Gizmo

- ➔ LED on Gizmo will light
- ➔ LED on Pin 0 of Playground will light

PXT Software Demo:

We can use the same example software as we did for the Button Gizmo. These Gizmos behave identically as far as the micro:bit is concerned.



MicroPython Software Demo

The same software in micropython is:

```
from microbit import *  
while True:  
    if pin0.read_digital() == 0:  
        display.show("0")  
    else:  
        display.show("1")
```