Circuit #5: Push Buttons

Code:

```
const int buttonPin = 2;
const int ledPin =  13;

int buttonState = 0;

void setup() {
  pinMode(ledPin, OUTPUT);
  //this line below declares the button pin as input
  pinMode(buttonPin, INPUT);
}

void loop(){
  //this line assigns whatever the Digital Pin 2 reads to
  //buttonState
  buttonState = digitalRead(buttonPin);

  if (buttonState == HIGH) {
    digitalWrite(ledPin, HIGH);
   }
  else {
    digitalWrite(ledPin, LOW);
   }
}
```