```
/*
  Switch:
*/


// This constant won't change:
const int digitalPin = 2; // Pin that the digital pin is attached to
const int ledPin = 13; // Pin that the LED is attached to

int digitalValue = 0;

// The setup function runs once when you press reset or power the board:
void setup()
{
  // Initialize the digital pin as an input:
 pinMode(digitalPin, INPUT);
  // Initialize the LED pin as an output:
 pinMode(ledPin, OUTPUT);
}

// The loop function runs over and over again forever:
void loop()
{
  // Read the value:
 digitalValue = digitalRead(digitalPin);

  // If the digital value is equal to 2, turn on the LED:
  if (digitalValue == HIGH)
  {
    digitalWrite(ledPin, HIGH);
  }
  else
  {
    digitalWrite(ledPin, LOW);
  }
}
```