const int TOUCH\_SENSOR\_PIN = 7; // Arduino pin connected to the OUTPUT pin of touch sensor

const int LED\_PIN = 3; // Arduino pin connected to LED's pin

void setup() {

**Serial**.begin(9600); // initialize serial

pinMode(TOUCH\_SENSOR\_PIN, INPUT); // set arduino pin to input mode

pinMode(LED\_PIN, OUTPUT); // set arduino pin to output mode

}

void loop() {

int touchState = digitalRead(TOUCH\_SENSOR\_PIN); // read new state

if (touchState == HIGH) {

**Serial**.println("The sensor is being touched");;

digitalWrite(LED\_PIN, HIGH); // turn on

}

else

if (touchState == LOW) {

**Serial**.println("The sensor is untouched");

digitalWrite(LED\_PIN, LOW); // turn off

}

}