Arduino Capacitive Sensor in Less Than 2 Minutes by

Konstantin Dimitrov (/member/Konstantin+Dimitrov/) in arduino (/explore/category/technology/keyword/arduino/)

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Bio: I am a dreamer, maker and an engineer making and sharing interesting projects here at Instructables. Follow me @ instagram: @the_gadget.boy

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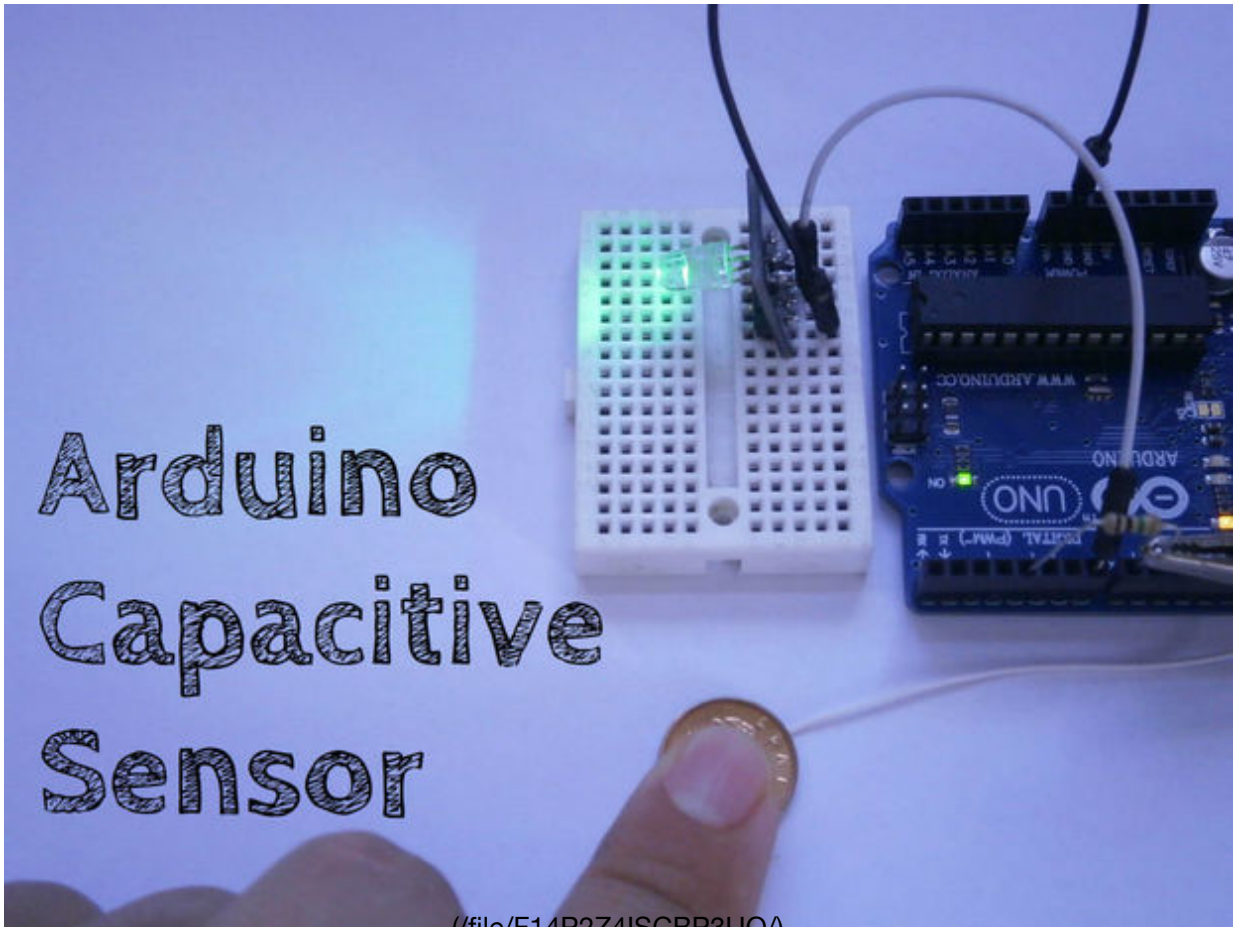

Hello !

Today I will show you how to make a **capacitive sensor** with Arduino UNO.

Step 1: Watch the Video !!!

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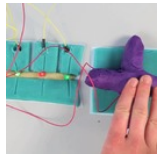

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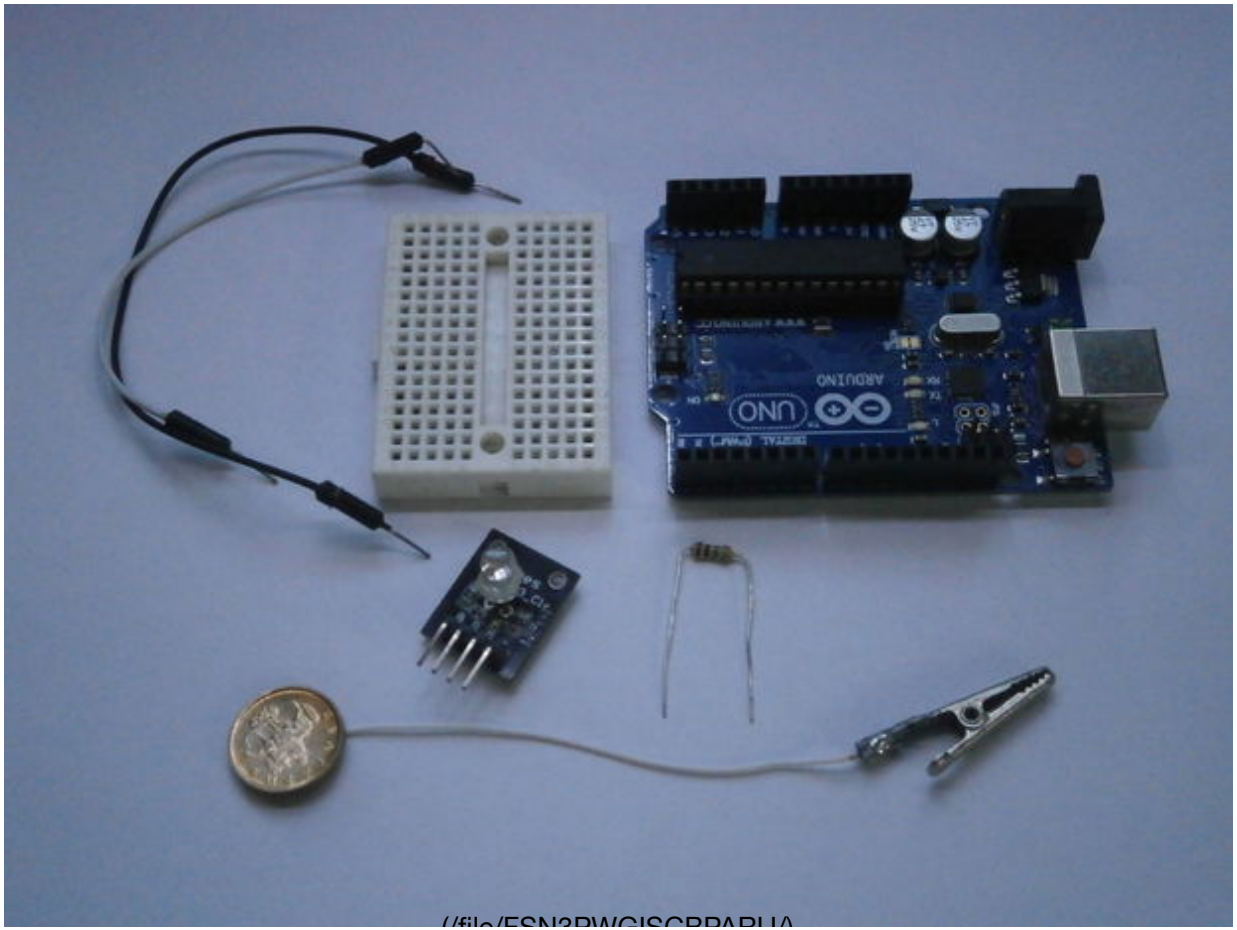
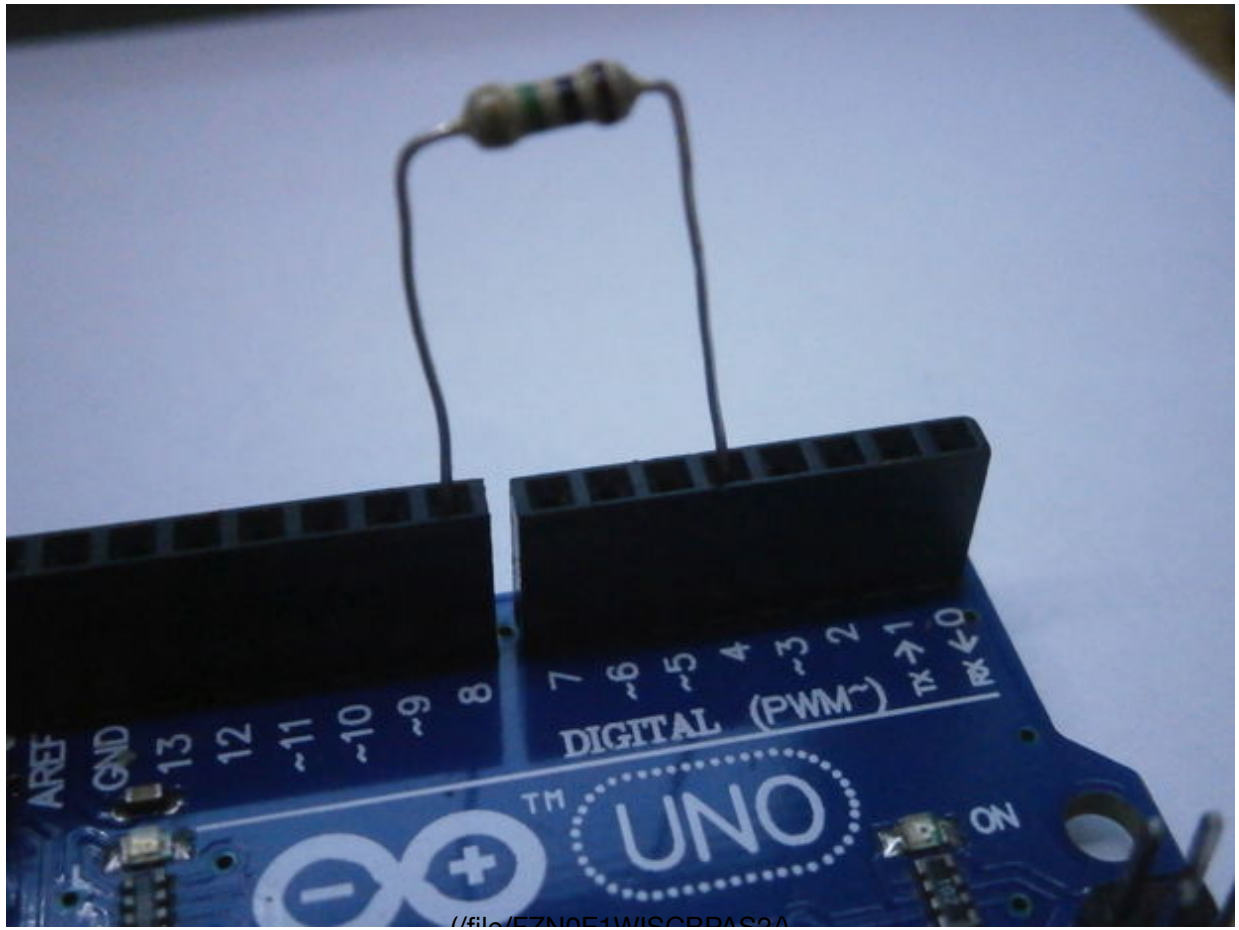
Step 2: Parts for the Project



You will need:

- **1 x Arduino board**
- **1 x 1M resistor**
- **1 x Touch plate**
- **1x Breadboard**
- **1 x LED**
- **2 x Jumpers**

Step 3: Put All Together



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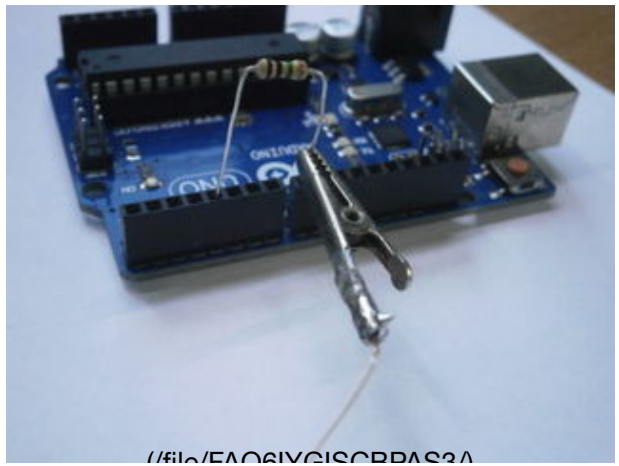

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First plug in the resistor in pin 4 and pin 8 of the Arduino, then connect the touch plate with pin 8 of the Arduino.

Now plug in the LED to the breadboard, connect LED's "-" to Arduino's GND and "+" to pin 7.

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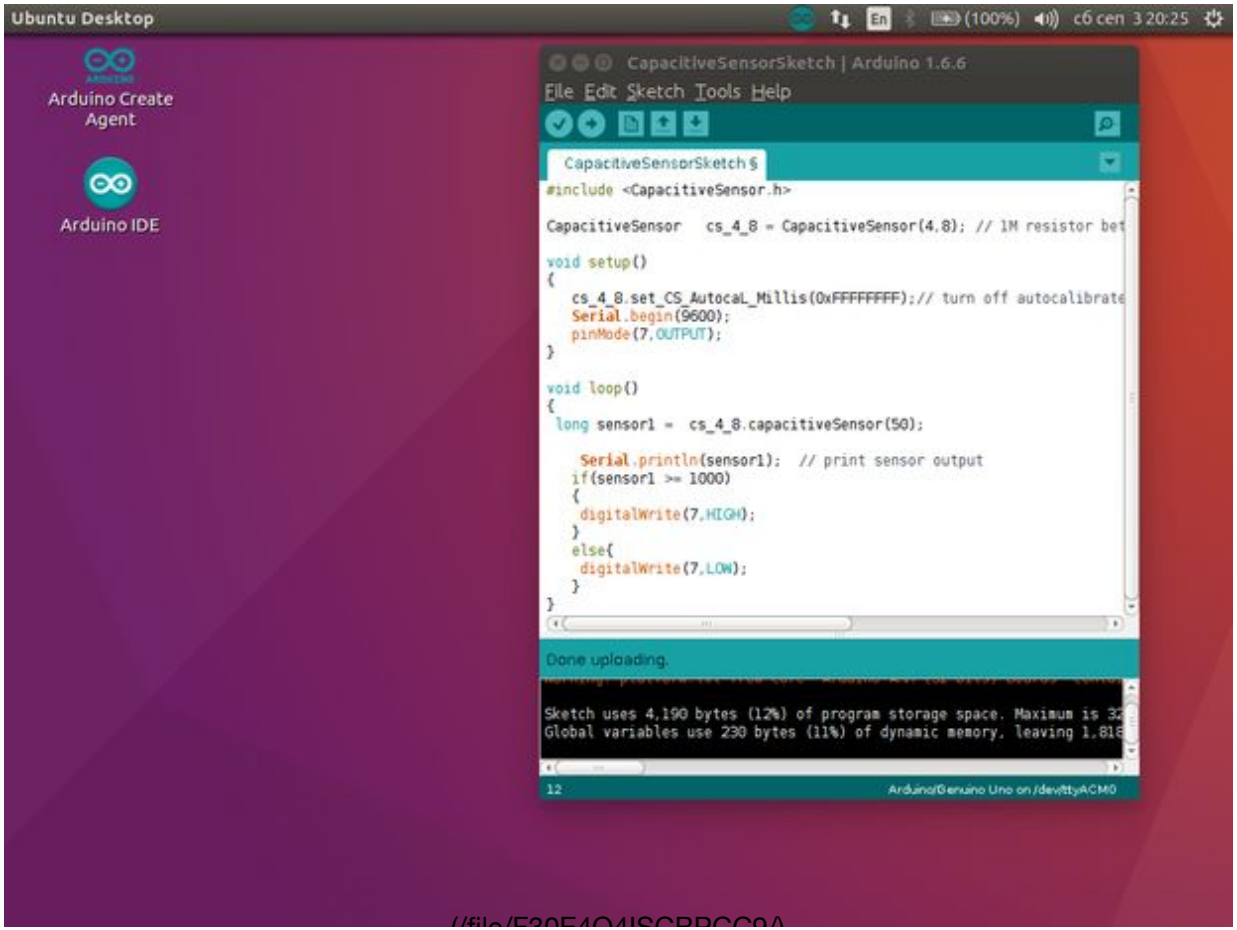
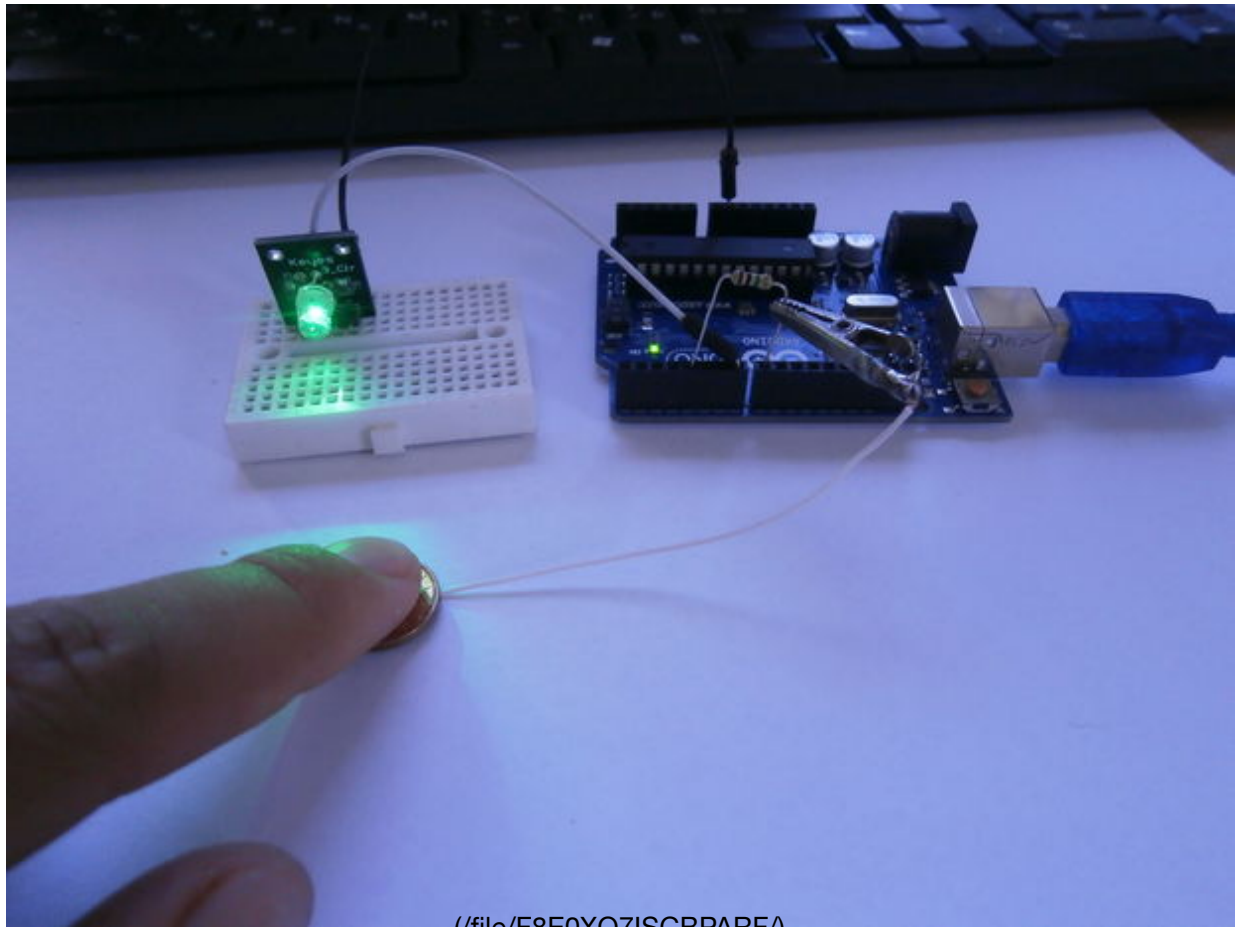
Step 4: Upload the Sketch



Connect your Arduino to a computer and upload the sketch which you can get from here (https://github.com/KonstantinDimitrov/Arduino-Capacitive-Sensor).

You will also need this library (https://github.com/PaulStoffregen/CapacitiveSensor).

Step 5: Done !



You are done, touch the plate and the LED shoud light up. You can modify the sketch and for other "capacitive" needs.

Comments

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Please be positive and constructive.

I Made it! Add Images Post Comment

hiskenagel (/member/hiskenagel/) 2017-09-10 Reply

Hi. I don't understand what I have to get from the library. When I only use the code like in the picture it doesn't work. Can you help me?

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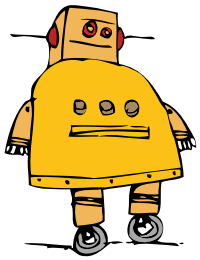

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