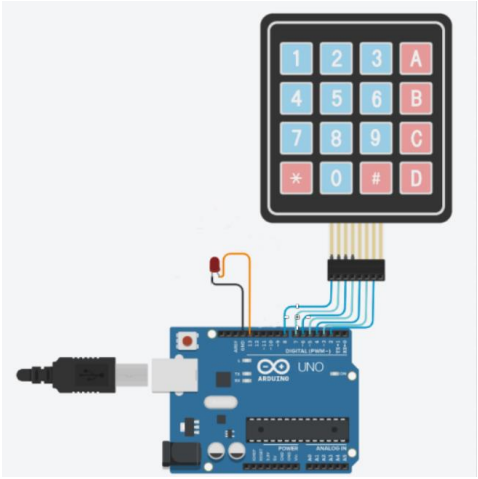
Χρήση Keypad 4x4. Λειτουργία LED όταν πατηθεί το 1.




```
#include <Keypad.h>
#include <Wire.h>

const byte ROWS = 4; //the four rows of the keypad
const byte COLS = 4; //the four columns of the keypad

int led = 13;

char keys[ROWS][COLS] = {

  {'1','2','3','A'},
  {'4','5','6','B'},
  {'7','8','9','C'},
  {'*','0','#','D'}
};

byte rowPins[ROWS] = {9, 8, 7, 6}; //to connect to the row pins of the keypad
byte colPins[COLS] = {5, 4, 3, 2}; //to connect to the column pins of the keypad

//Create the keypad as an object
Keypad keypad = Keypad( makeKeymap(keys), rowPins, colPins, ROWS, COLS );

void setup(){

  Serial.begin(9600);
  pinMode(13, OUTPUT);
  digitalWrite(led, LOW);
}

void loop(){
  char key = keypad.getKey();// Read the key

  // Print the key if pressed
  if (key){
    Serial.print("Key Pressed : ");
    Serial.println(key);

  }
  if (key == '1') {
```

```
      digitalWrite(led, HIGH);
      delay(1000);
      digitalWrite(led, LOW);
  }
}
```