**AES MINI PROJECT**

**CODE:**

#include <Keypad.h>

#include <Wire.h>

#include <LiquidCrystal.h>

const byte ROWS = 4;

const byte COLS = 4;

int LCDRow = 0;

char keys[ROWS][COLS] = {

{'1','2','3','A'},

{'4','5','6','B'},

{'7','8','9','C'},

{'\*','0','#','D'}

};

byte rowPins[ROWS] = {7, 6, 5, 4};

byte colPins[COLS] = {3, 2, 1, 0};

Keypad keypad = Keypad( makeKeymap(keys), rowPins, colPins, ROWS, COLS );

LiquidCrystal lcd(13, 12, 11, 10, 9, 8);

void setup(){

lcd.begin(16, 2);

lcd.setCursor(LCDRow, 0);

}

void loop(){

char key = keypad.getKey();

if (key){

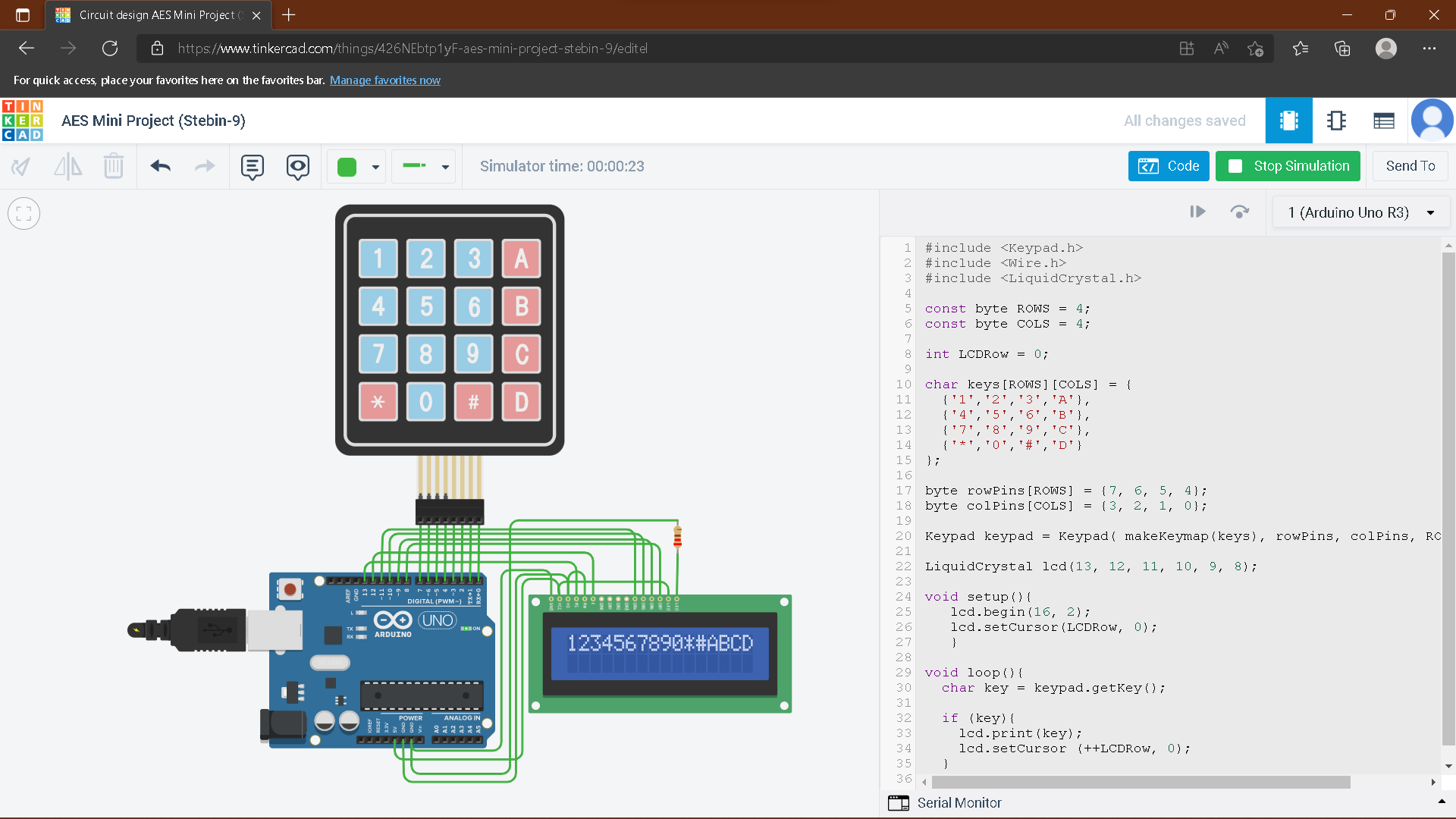
lcd.print(key);

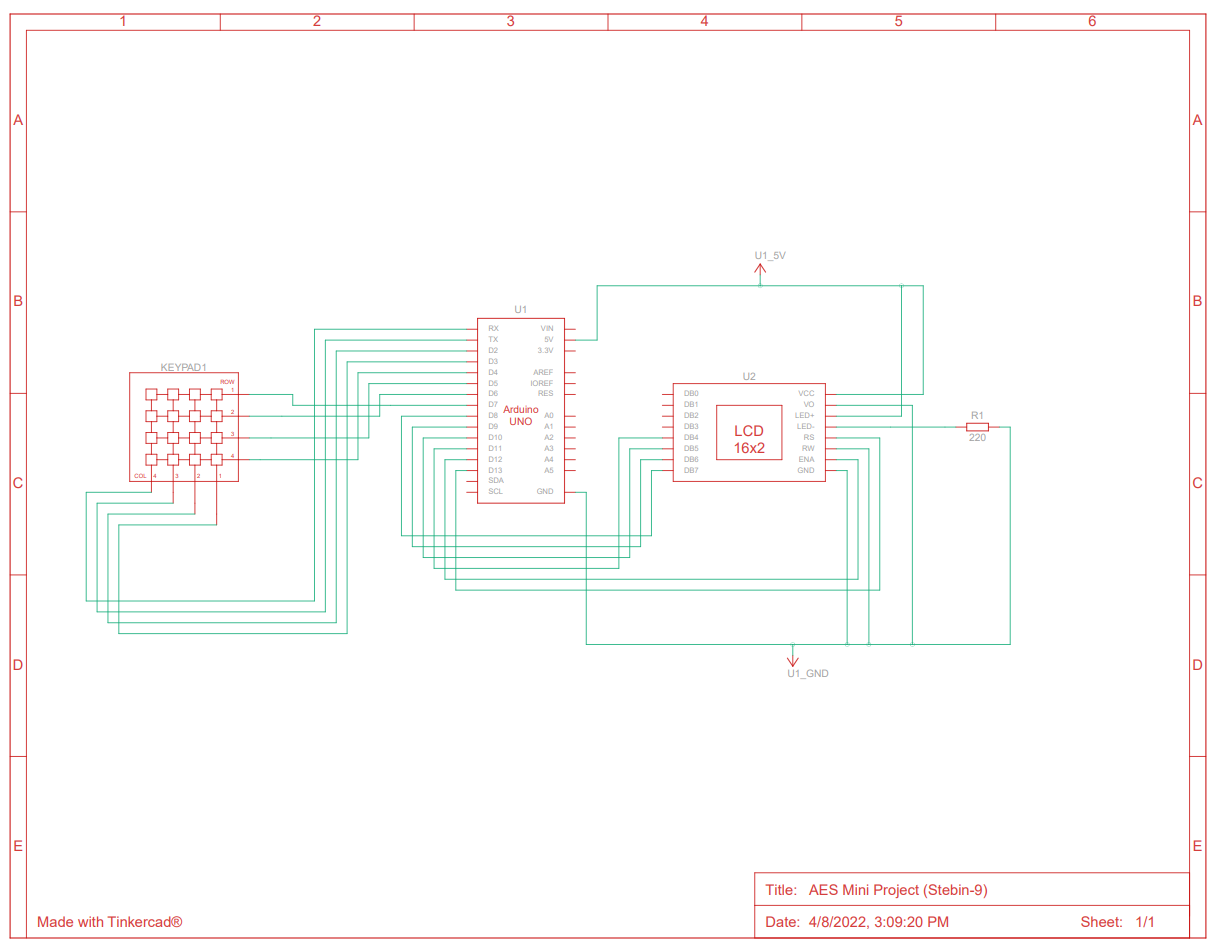
lcd.setCursor (++LCDRow, 0);

}

}

**OUTPUTS:**

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