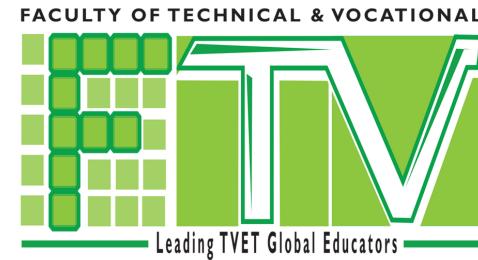




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MODUL PEMBELAJARAN ELEKTRONIK DENGAN KEFUNGSIAN PENDERIA

1.0 PAPARAN LCD

1.1 BASIC

MULAKAN



DI SEDIAKAN OLEH AMIN, DR IRDAYANTI

STEP 1:

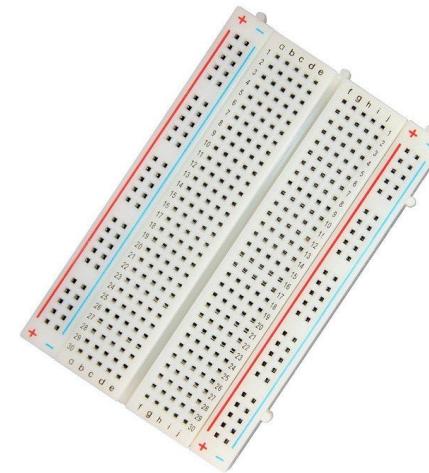
SEDIAKAN SEMUA KOMPONEN



SLIDESWITCH



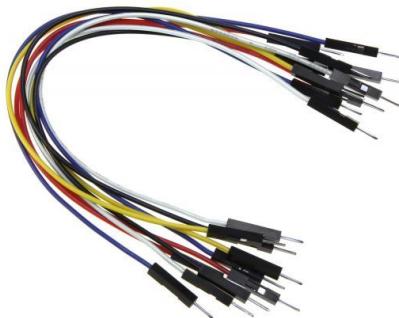
ARDUINO UNO R3



BREADBOARD



LCD 16 X 2 (I2C)



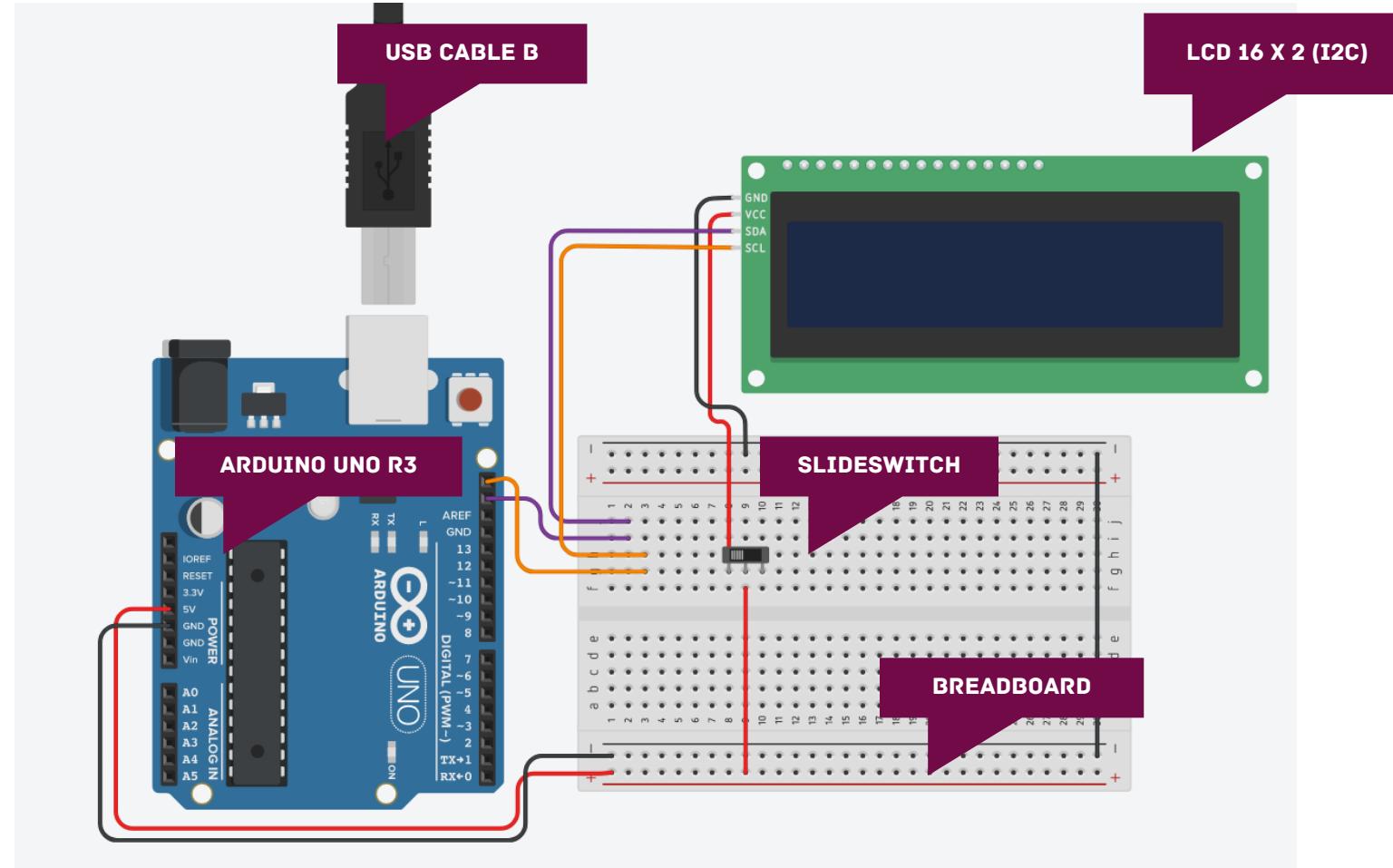
**MALE TO MALE / FEMALE TO MALE
JUMPER WIRES-10 PIECES**

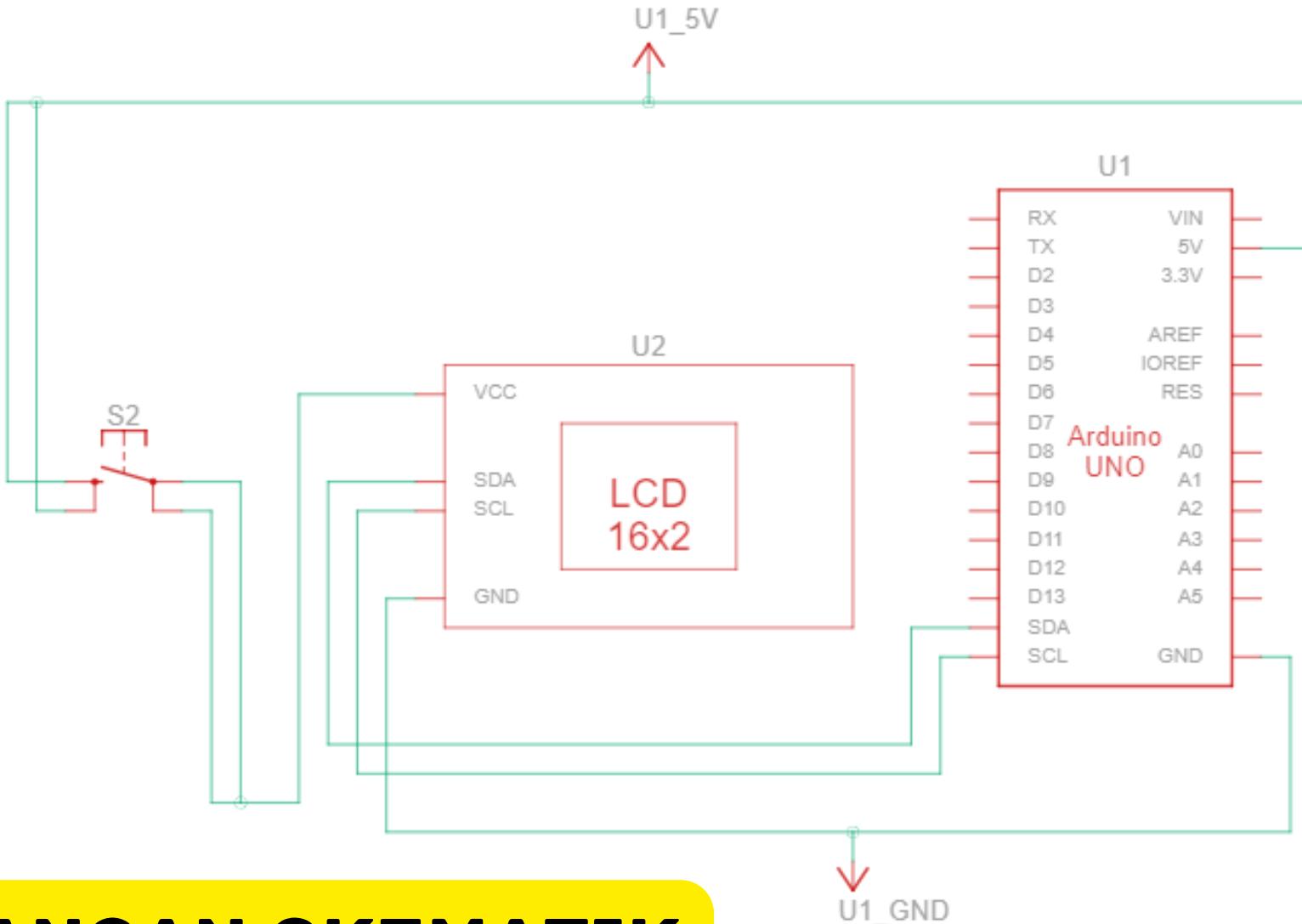


USB CABLE B

STEP 2 :

GAMBAR RAJAH SAMBUNGAN





PANDANGAN SKEMATIK

STEP 3 :

CODDING ARDUINO UNO



```
// C++ code
//
/*
LiquidCrystal_I2C lcd_1(0x27, 16, 2)
*/

#include <LiquidCrystal_I2C.h>

LiquidCrystal_I2C lcd_1(32, 16, 2);

void setup()
{
    lcd_1.init();

    lcd_1.backlight();
}

void loop()
{
    lcd_1.setCursor(0, 0);
    lcd_1.print("HELLO");
    lcd_1.setCursor(0, 1);
    lcd_1.print("AWAK APA KHABAR");
    delay(10); // Delay a little bit to
               // improve simulation performance
}
```

TEXT

STEP 4 :

SIMULASI

