

PIN1 or VSS to ground.

PIN2 or VDD or VCC to +5v power.

PIN3 or VEE to ground (gives maximum contrast best for a beginner).

PIN4 or RS (Register Selection) to PIN12 of ARDUINO UNO.

PIN5 or RW (Read/Write) to ground (puts LCD in read mode eases the communication for user).

PIN6 or E (Enable) to PIN10 of ARDUINO UNO.

PIN11 or D4 to PIN5 of ARDUINO UNO.

PIN12 or D5 to PIN4 of ARDUINO UNO.

PIN13 or D6 to PIN3 of ARDUINO UNO.

PIN14 or D7 to PIN2 of ARDUINO UNO.

PIN15 to +5V with 221 ohm resistor in series.

And the last PIN16 to ground.

## Hello World

```
#include <LiquidCrystal.h>
lcd.begin(16, 2);
LiquidCrystal lcd(
lcd.print("hello, world!");
```