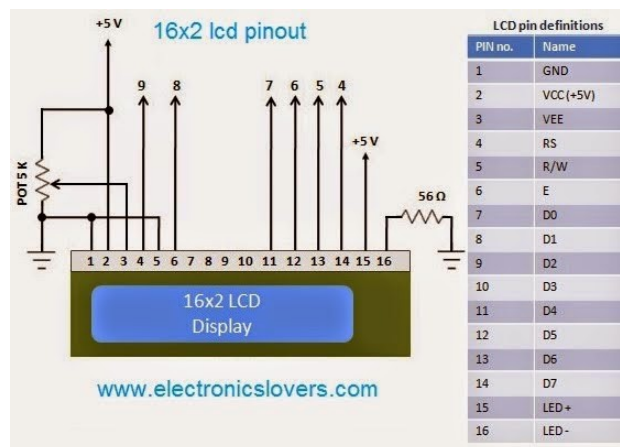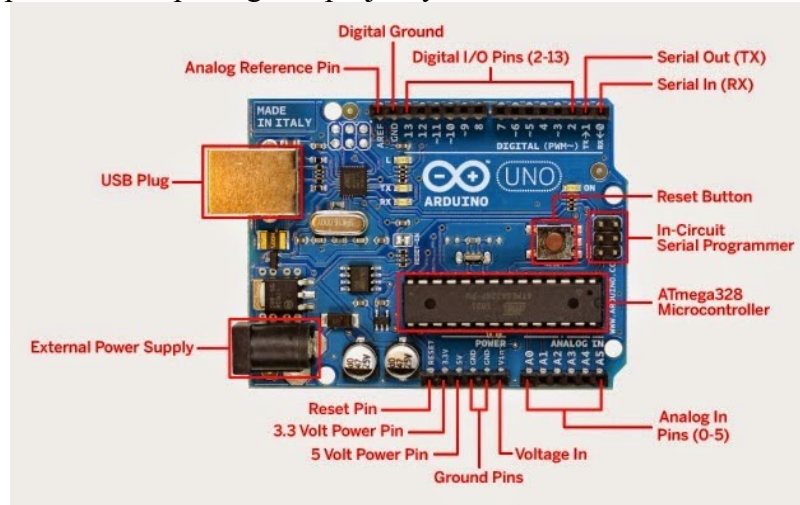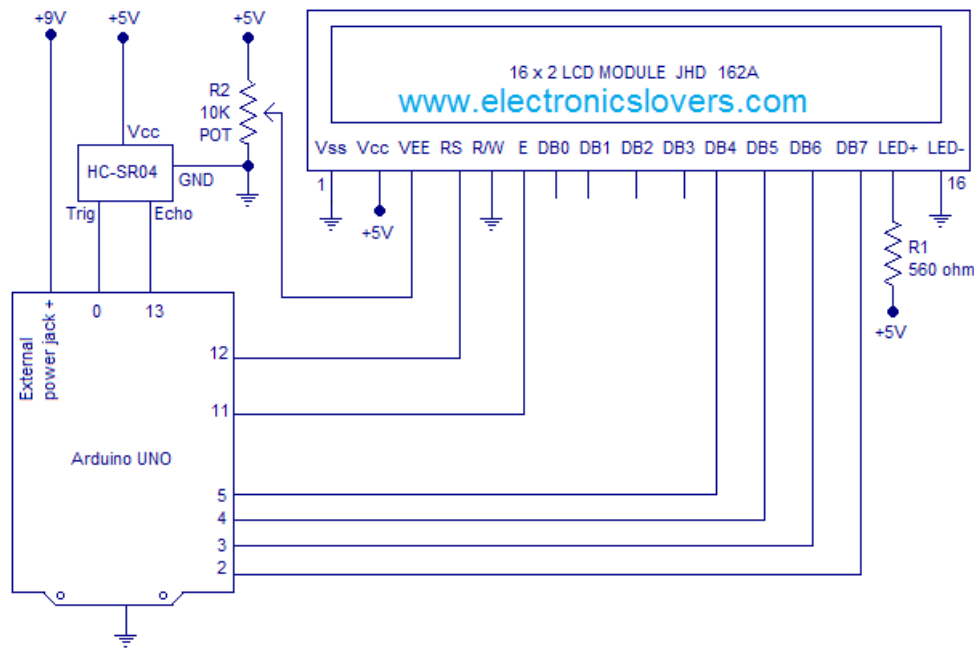# Using Arduino and Ultrasonic sensor Find The Range and Display reading on LCD

This is DIY project by using this project you can Measure up to 220 cm with accuracy of 2cm This project is very simple after completing this project you will see the Results on Lcd .

Code:

```
#include<NewPing.h>
#include<LiquidCrystal.h>
#define trig 0
#define echo 13
#define maximum 200
int usec;
int cm;
float inch;
NewPing sonar(trig, echo, maximum);
LiquidCrystal lcd(12, 11, 5, 4, 3, 2);
void setup()
{
  lcd.begin(16,2);
}
void loop()
{ lcd.clear();
  lcd.setCursor(2,0);
  lcd.print("Range Finder");
  usec=sonar.ping();
  cm=usec/58;
  inch=usec/58/2.54;
  lcd.setCursor(0,1);
  lcd.print(cm);
  lcd.print("cm");
  lcd.setCursor(7,1);
  lcd.print(inch);
  lcd.print("inch");
  delay(250);
}
```