**CODE DETAILS;**

* #include<LiquidCrystal.h>
* int analogPin1=A5;
* int val = 0;
* const int rs =12, en=11, d4=5, d5=4, d6=3, d7=2;
* Liquid Crystal 1cd (rs, en, d4, d5, d6, d7);
* void setup()
* {
* pinMode(analogPin1,INPUT);
* Serial.begin(9600);
* lcd.begin(16,2);
* }
* void loop()
* {
* val = analogRead(analogPin1);
* float converted = map(val,0,1023,0,5500);
* float v = converted/100;
* Serial.print(“Voltage:”);Serial.println(v);
* lcd.clear();
* lcd.setcursor(0, 1);
* lcd.print(“voltage:”);
* lcd.print(v);
* delay(100);}