# Description:

Reading data on Serial Port and displaying it on LCD (PC to IomaTic).

# Source Code:

// including LCD Library

#include <LiquidCrystal.h>

// initialize the library with the numbers of the interface pins

LiquidCrystal lcd(11, 12, 14, 15, 16, 17);

void setup()

{

// set up the LCD's number of columns and rows:

lcd.begin(16, 2);

Serial.begin(9600);

}

void loop()

{

if(Serial.available())

{

delay(200);

lcd.clear();

lcd.write(Serial.read());

}

}

# Libraries:

*LiquidCrystal.h:*

It is a library which allows Arduino to control LCDs.

# Functions:

*Serial.begin(9600):*

Sets the data rate in bits per second (baud) for serial data transmission. Here we have set the data rate (baud) to 9600 bps.

*Serial.available():*

Get the number of bytes (characters) available for reading from the serial port.

*lcd.write(Serial.read()):*

Writes the data received from serial monitor to LCD.