

Nome- Khushi Nitinkumar Patel. PRN - 2020BTECS00037

Experiment no.7

- Aim: LCD interfacing with Arduino.

LCD module

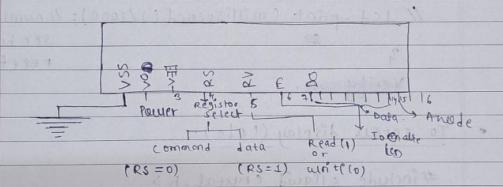
16 (alumns & 2 rous (i.e. 16 x 2 size):

(Data sheet required) operating range (4.7-5.3).

ICD each character is in 5 x 8 pixxels.

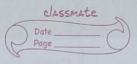
(eq: 4 bit or 8 bit mode):

· lcD Pinout



(1.01 some) 4916))

Display +. Text "Hello world" on LCD (4'bit) RS = 12, RW = ground, F = 11, $D4 \Longrightarrow 5 + 0' D.7 \Longrightarrow 2$.



	Date
	code later somestation ideals amou
	FE0002 9770000 C - 1/29
	#include < liquid crystal.h>
	+ UN FREEHINGS I
	liquid crystal LCD (12, 11, 5, 4, 3, 2)
	void setup () { s paison sotas and s mile
	1cd. begin (16, 12); // set LCD No. of e&R.
	(cd. print ("Hello, world"); (Print msg)
	The columns of 2 rouns (i e 16 x 2 size)
. (8	- f. 12) space parto 1990 (beginned toods otoo)
	void doop () (2 nos reprode dops do)
	11 set cursor to column 10'; line 1
	1/ (note: line 1 is 2nd raw, be cause
	(ounting begins at 10)
	l(d. set (urs or (0.1);
	// Icd . print (milliserand ()/1000); // number
	3 Ser berause
	reset.
	verify use.
•	
	To scroll display (lote).
	#include < 19quid (rystal.h)
	119411d coustal 100 (12:11 5:4.3:2)
	líquid crystal LCD (12,11,5,4,3,2);
	(cd begin (16, 2);
	1cd. print ("16 x 2 LCD module & ARDVINO UNU).

classmate Date Page
Void (opp()
2
for (POS = 0; PO< 2; POS++
{
1 cd-Scroll Display left (); //scroll display
30
delay (500);
J. J. Company of the