

## Assignment 7.

43212

Title: Rolling display program.

Problem Statement's

wireless network: Perelop an

app for a rolling display program of new
on computer display. The input strings

are supplied by the mobile phone/by

another computer connected through

wireless network.

Theory:

-> LCD

Liquid Srystal Display allows you to control LCD displays.

- Hardware required

- 1) Arduino board
- 2) 1 (D Screen
- 3] Resistor
- 4) Wires.

> Circuit connection

- is connected to Vcc via a small-value resistor.
  - Pin3 [VEE] is connected to the variable terminal of the pot are Connected to ground and Vac
    - The P/W pm is connected to ground because ardino will only write data to 100 module

the RS, EN, DB4, DB5, DB6, DB7 pins of the Lcp are connected to pin 13, 11, 7, 6, 5 and 4 of arduino UNO resp. Methods i) scroll Display [ett(), scroll Display Right() Method to reverse the direction the text is flowing. + Advantages of LCD 1) Does not affect by magnetic field 2) Due to low power consumption, small heat is emmitted during operation. + Disadvantage of LCD I In high temperature environment merei i loss of contract. 2) It is consumed a lot of electricity which produce a lot of heat. tApplication of LCD. 1) Digital wrist watches, aircraft cockpit displa displaying image used in digital cameras. 2 Londysion's In this way, I have implemented program to display strings on rolling displaye