

IDE ASSIGNMENT

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IITH - Future Wireless Communications (FWC)

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3 LCD CONNECTION

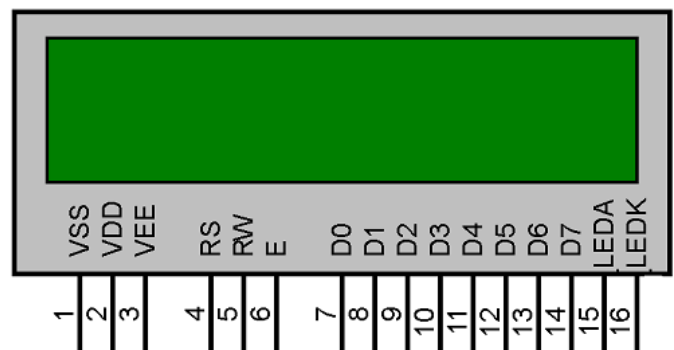


Fig. 1: LCD

1 QUESTION

An 8085 microprocessor accesses two memory locations ($2001H$) and ($2002H$), that contains 8-bit numbers $98H$ and $B1H$, respectively. the following program is executed:

```
LXI H,2001H
```

```
MVI A,21H
```

```
INX H
```

```
ADD M
```

```
INX H
```

```
MOV M,A
```

```
HLT
```

At the end of this program ,the memory location $2003H$ contains the number in decimal(base 10) form

4 IMPLEMENTATION

Arduino PIN	lcd
D9	VO
D12	rs
D11	en
D8	11
D7	12
D6	13
D5	14
5V	Vcc

Connections

2 COMPONENTS

Component	Values	Quantity
Arduino	UNO	1
JumperWires	M-F	10
LCD		1

a) Procedure

1. Connect the circuit as per the above table.
2. connect the lcd to arduino

https://github.com/arduinojinarendra/fwc_1may/tree/main

5 LCD OUTPUT

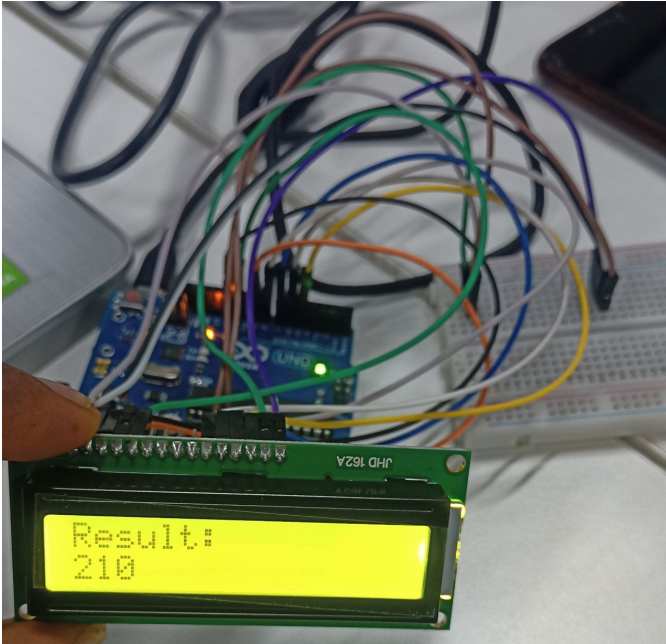


Fig. 2: Arduino connection with lcd