

IDE ASSIGMNENT

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 IIITH - Future Wireless Communications (FWC)

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3 LCD PINS

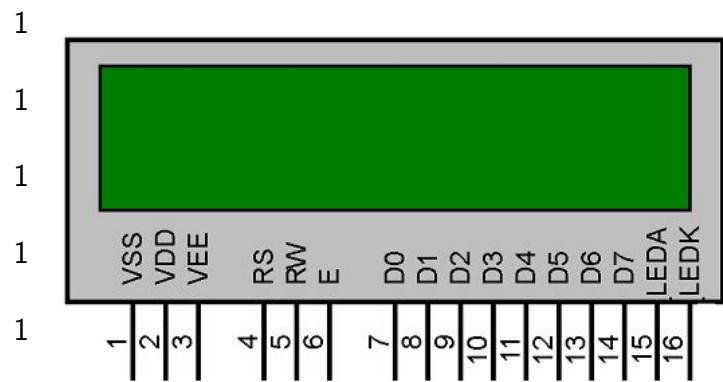


Fig. 1: LCD

1 Question

- 1) The representation of the decimal number $(27.625)_{10}$ in base-2 number is
- (A) 11011.110
 - (B) 11101.101
 - (C) 11011.101
 - (D) 10111.110

4 Implementation

Arduino PIN	LCD
D7	RS
D8	EN
D9	11
D10	12
D11	13
D12	14
5V	VCC

Connections

2 Components

Component	Values	Quantity
Arduino	UNO	1
JumperWires	M-F	15
LCD		1
Bread board		1

5 Procedure

1. Connect the circuit as per the above table.
2. connect the LCD to Arduino UNO

<https://github.com/Padidapu-Bhargav/Digital-Design/blob/main/Platformio-assignment.ino>

6 LCD OUTPUT

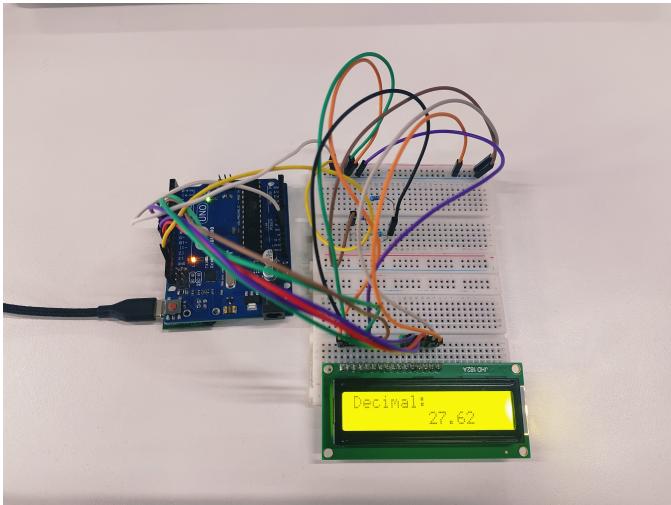


Fig. 2: Decimal value

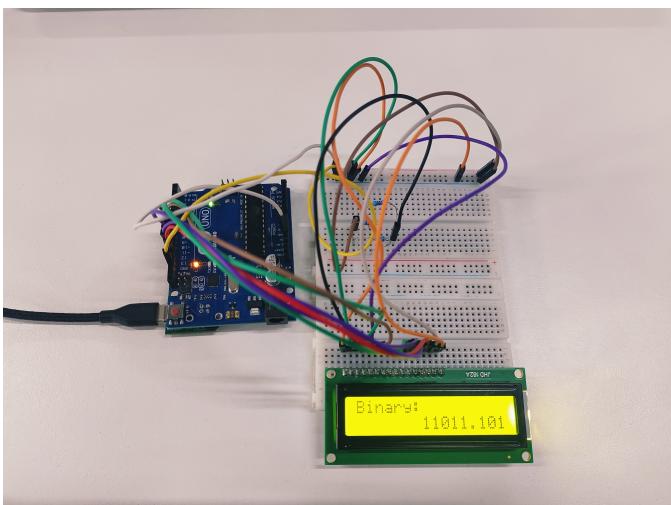


Fig. 3: Binary value