

# IDE ASSIGNMENT

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IITH - Future Wireless Communications (FWC)

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## 1 QUESTION

Implementation of Seven Segment using Arduino UNO

## 2 COMPONENTS

Component	Values	Quantity
Arduino	UNO	1
JumperWires	M-F	30
seven segment	common Anode	1
Bread-board		1
Resistors	220ohms	1

Figure.Components

## 3 PIN DIAGRAM

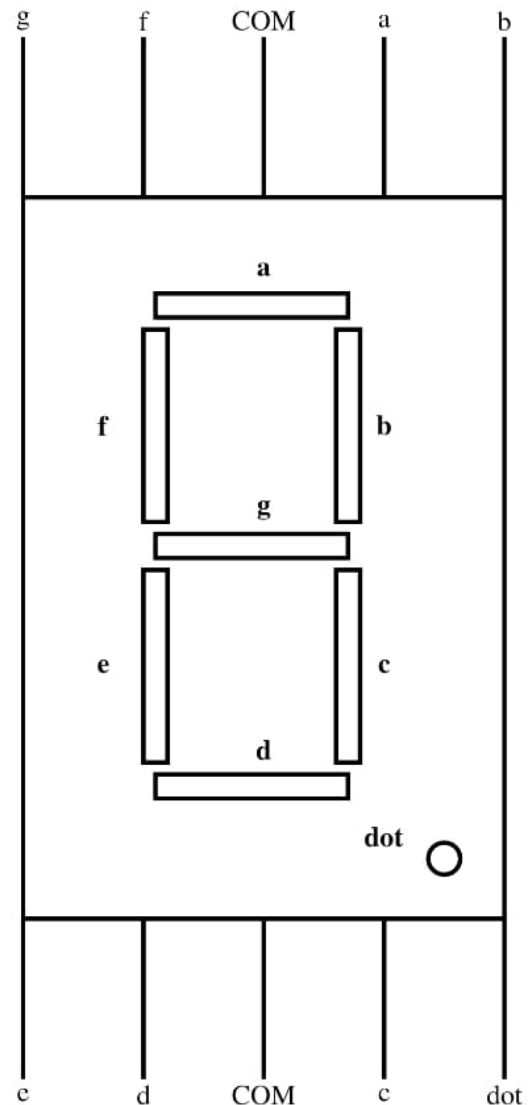


Fig. 1: Seven Segment pins

## 4 HARDWARE

- 1) Make the connections between the seven segment display and the Arduino as shown

below.

<b>Arduino</b>	2	3	4	5	6	7	8
<b>Display</b>	a	b	c	d	e	f	g

## 5 SEVEN SEGMENT OUTPUT

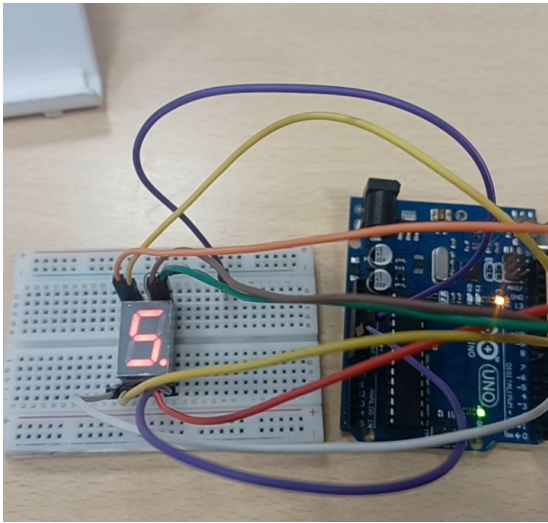


Fig. 2: Connections

## 6 CONCLUSION

Hence we have implemented the Seven Segment Display using the Arduino

<https://github.com/Rafiyanaaz/FWC/blob/main/Sevenssegment/sevensseg.cpp>