Seven Segment Display

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

Spoken Tutorial Team
IIT Bombay

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Learning Objectives

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- **C or C++ programming language**

System Requirements

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- **Ubuntu Linux operating system 14.04**

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- **Arduino IDE**

External Devices

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- **Seven Segment Display**

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- **220 ohm Resistor**

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- Breadboard

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- Jumper Wires

Seven Segment Display

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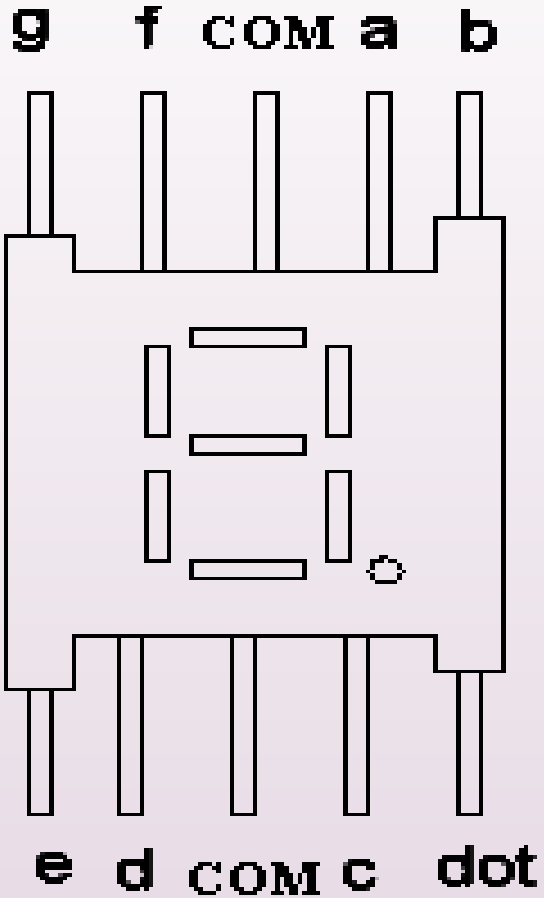

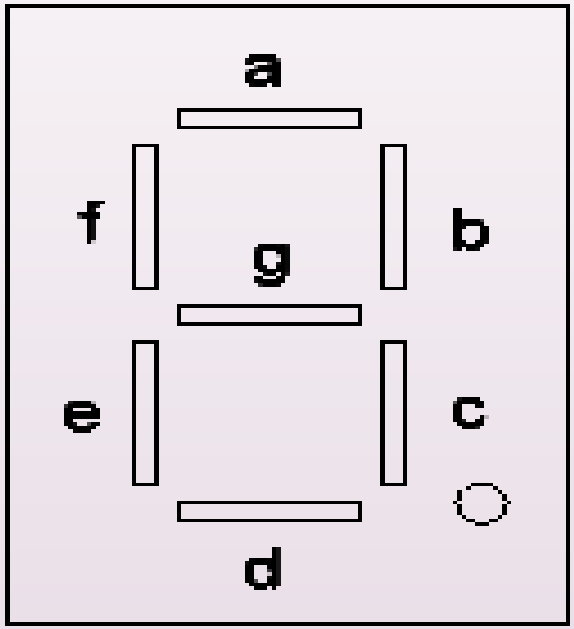

Seven-Segment Display

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  - **Common Anode**
  - **Common Cathode Seven Segment Display**

Summary

In this tutorial we learnt to:

- **Connect a Seven Segment Display to Arduino board**
- **Write a program to display digits from 0 to 4 on Seven Segment Display**

Assignment

- **Change the same program to display the digits 5,6,7,8 and 9**
- **Compile and upload the program**
- **Observe the digits displayed in the Seven Segment Display**

About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**
- **Gives certificates to those who pass an online test**
- **For more details, please write to contact@spoken-tutorial.org**

Forum for specific questions

- Do you have questions in THIS Spoken Tutorial?
- Please visit http://forums.spoken-tutorial.org
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them

Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at http://spoken-tutorial.org/NMEICT-Intro