

1 Online / Offline content

1. The online content of Spoken Tutorials can be accessed from:
<https://spoken-tutorial.org/tutorial-search/>
2. You can also download the Spoken Tutorials for offline learning from:
<https://spoken-tutorial.org/cdcontent/>
 - (a) From this link download the **FOSS** categories in the language you wish to learn.
 - (b) The Spoken Tutorial content will be downloaded as a zip file on your machine.
 - (c) Extract the contents of the zip file and access them.
 - (d) Read the README.txt file and do as instructed.
 - (e) Open the index.html file using Firefox or Chrome.

2 ElectroBlocks

1. Click on "Select FOSS" or "All FOSS Categories" drop-down and choose "ElectroBlocks".
2. Click on "Select Language" or "All Languages" drop-down and choose the language "English".
3. Click on "Submit" button.
4. You will see a list of tutorials based on your selection.
5. Start with the first tutorial in the displayed list.

3 The procedure to practise

1. You have been given a set of spoken tutorials and files.
2. You will typically do one tutorial at a time.
3. You may listen to a spoken tutorial and practise by reproducing all the steps shown in the video using **Side-by-Side Method**.
4. If you find it difficult to do the above, you may consider listening to the whole tutorial once and then practise during the second hearing.

5. Follow all the steps as shown in each tutorial and understand the working of each instruction.
6. Play-pause-practise the whole tutorial.
7. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player.
8. To practice this tutorial series you will require an updated **Google Chrome browser** and a **working internet connection**.

4 Instructions to practise

1. Create a folder on the "Desktop" with your "Name-RollNo-Component".
(Eg. "Pratik-01-ElectroBlocks").
2. Give a unique name to the files you save, so as to recognize it next time.
(Eg. "ElectroBlocks-1-Blink").
3. Remember to save all your work in your folder.
4. This will ensure that your files don't get over-written by someone else.
5. Save your work from time to time, instead of saving it at the end of the task.

4.1 Instructions for Assignments

1. Attempt the **Assignments** as instructed in the tutorial.
2. Save your work in your folder.

4.2 Instructions to use Code files

1. Click on the **Code Files** link located below the player and download it in your system.
2. Make a copy of the downloaded zip file.
3. Extract the downloaded zip file.
4. The code files folder is extracted.
5. Double click on the folder to see its contents.
6. You will see all the code/source files used in the particular tutorial.
7. Use these files as per the instructions given in the particular tutorial.

5 First Tutorial: Blink of LED

1. Locate the topic "Blink of LED" and click on it.
2. Click the Play button in the video player to start the tutorial.
3. In this tutorial, you will learn how to access the ElectroBlocks platform, explore its user interface, create your first Arduino program using programming blocks, and simulate the program online to verify its operation.

6 Second Tutorial: Control LED with Push Button

1. Locate the tutorial Control LED with Push Button and click on it.

2. Click the Play button to start the tutorial.
3. In this tutorial, you will learn how to create programming blocks to control an LED using a push button and verify the experiment using the simulator.
4. When the push button is pressed, the LED turns ON. When the push button is released, the LED turns OFF.
5. Similarly locate the next tutorial and practice using the Chrome browser.
6. Follow all the instructions given in the tutorials, till you complete all the tutorials in the series.