Instruction Sheet for Apps on Physics
Spoken Tutorial Team
IIT Bombay

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/

3. From this link download the FOSS categories in the language you wish to learn.

4. The Spoken Tutorial content will be downloaded as a zip file on your machine.

5. Extract the contents of the zip file & access them.

2 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.

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.

3 Side-by-Side learning video (only for offline content)

1. Go to the folder named `spoken` on your machine.

2. Locate `index.html` file.

3. Open this file with either `Firefox` or `Chrome` web browser.

4. The `Side-by-Side Method` video will appear. This video will explain how to learn from the spoken tutorials.

5. Click on the `Play` button to play the video.

6. Note all the steps explained therein.

4 Apps on Physics

1. Click on `"Select FOSS"` or `"All FOSS Categories"` drop-down and choose `"Apps on Physics"`.

2. Click on `"Select Language"` or `"All Languages"` drop-down and choose the language (English, Hindi, ..) in which you wish to learn.

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.

5 First tutorial: Simple Machines

1. Locate the topic `"Simple Machines"` and click on it.

2. To view the tutorial, click on the `Play` icon which is located in the player.

3. The `Pre-requisite` and `Slides` will be visible below the player (only for Online contents).

4. `Outline and Assignments` are available below the player.

5. Adjust the size of the browser in such a way that you are able to practise in parallel.

5.1 Common Instructions to practise

1. You can save your work by taking screenshots of the interface and saving the images in a folder.

2. Note the values of experiment in your observation notebook.

3. Solve the numerals and note the values in your observation note book

4. Play-pause-practise the whole tutorial.

5. Once the tutorial is complete, choose the next tutorial from the playlist which is located on the right side or below the player.

6. Follow all the above instructions, till you complete all the tutorials in the series

5.2 Common instructions for Assignments

1. Attempt the `Assignments` as instructed in the tutorial.

2. Take the screenshots and save the images in a folder.

3. Note the values of experiment in your observation notebook.

4. Solve the numericals and note the values in your observation note book