Subplots

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

http://sakshat.ac.in

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In this tutorial, we will learn -

Objectives

In this tutorial, we will learn -

- create and switch between subplots

System Specifications

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- **Ubuntu Linux 14.04**

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- **Python 3.4.3**

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- **Ubuntu Linux 14.04**
- `Python 3.4.3`
- `IPython 5.1.0`

Pre-requisites

To practise this tutorial, you should know how to

- ▶ **run basic Python commands on the ipython console**
- ▶ **use Plots interactively.**
- ▶ **Embellish a plot.**

If not, see the pre-requisite Python tutorials on http://spoken-tutorial.org

Exercise 1

- **We know that the Pressure, Volume and Temperatures are held by the equation PV=nRT where nR is a constant. Let us assume nR=0.01 J/K and T=200K.V can be in the range from 21cc to 100cc.**

Exercise 1

- **Draw two different plots as subplots, one being the P vs V plot and the other being P vs T plot.**

In this tutorial, we have learnt to -

Summary

In this tutorial, we have learnt to -

- ▶ **create subplots and to switch between them.**

1. **Which of the following is correct?**
   - ▶ `subplot(numRows, numCols, plotNum)`
   - ▶ `subplot(numRows, numCols)`
   - ▶ `subplot(numCols, numRows)`

Solutions

1. **`subplot(numRows, numCols, plotNum)`**

Forum to answer questions

- **Do you have questions on THIS Spoken Tutorial?**
- **Choose the minute and second where you have the question.**
- **Explain your question briefly.**
- **Someone from the FOSSEE team will answer them. Please visit**

http://forums.spoken-tutorial.org/

Forum to answer questions

- **Questions not related to the Spoken Tutorial?**
- **Do you have general / technical questions on the Software?**
- **Please visit the FOSSEE Forum**

  http://forums.fossee.in/
- **Choose the Software and post your question.**

Textbook Companion Project

- **The FOSSEE team coordinates coding of solved examples of popular books**

- **We give honorarium and certificate to those who do this**

For more details, please visit this site:

http://tbc-python.fossee.in/

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- **More information on this Mission is available at:**

  http://spoken-tutorial. org/NMEICT-Intro

THANK YOU!

For more Information, visit our website http://fossee.in/