

# Creating a GUI to Print the User Input

**Spoken Tutorial Project**

<https://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

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# Learning Objectives

**In this tutorial, we will learn to:**



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- **Add an Edit box to prompt for user input.**



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- **Add a Text box to display the output.**



# Learning Objectives

In this tutorial, we will learn to:

- Add an Edit box to prompt for user input.
- Add a Text box to display the output.
- **About the string command.**



# System Requirements

To record this tutorial, I am using:



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To record this tutorial, I am using:

- **Windows 10 OS**



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**The process demonstrated in this tutorial is similar in Linux OS also.**



# Pre-requisites

**To follow this tutorial:**



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## To follow this tutorial:

- **The learner must have basic knowledge of Scilab and GUI Builder toolbox.**



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## To follow this tutorial:

- The learner must have basic knowledge of Scilab and GUI Builder toolbox.
- For pre-requisite Scilab tutorials please visit <https://www.spoken-tutorial.org>



# Code Files

- **The files used in this tutorial are provided in the Code files link.**



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- **Please download and extract the files.**



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- **Make a copy and then use them while practising.**



# What is an Edit box?

**An Edit box is an editable string which takes input from a user.**



# What is a Text box?

**A Text box is a non-editable string used to display text or numbers.**



# Summary

**In this tutorial, we have:**

- **Added an Edit box to prompt for the user input.**
- **Added a Text box to display the output.**
- **Learnt about the String command.**



# Assignment

- **Add one more pushbutton and Edit box to the current GUI.**
- **Type in the String fields of the two Edit boxes -**
  - **“Enter the input message 1”,**
  - **“Enter the input message 2”.**



# Assignment

- Name the String fields of the two pushbuttons as “Print 1” and “Print 2” .
- Modify the callback function to get the output of both Edit boxes in a single Text box.



# About Spoken Tutorial Project

- Watch the video available at [https://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](https://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](mailto:contact@spoken-tutorial.org)



# Answers for THIS Spoken Tutorial

- Questions in THIS Spoken Tutorial?
- Visit <https://forums.spoken-tutorial.org/>
- Choose the minute and second where you have the question.
- Explain your question briefly.
- The Spoken Tutorial project will ensure an answer.
- You will have to register to ask questions.



- For any general or technical questions on Scilab, visit the FOSSEE forum and post your question.

<https://forums.fossee.in/>



# Textbook Companion Project

- The FOSSEE team coordinates the Textbook Companion project.
- We give Certificates and Honorarium to the contributors.
- For more details, please visit:  
[https://scilab.in/Textbook\\_Companion\\_Project](https://scilab.in/Textbook_Companion_Project)



# Lab Migration

- The FOSSEE team coordinates the Lab Migration project.
- For more details, please visit:  
[https://scilab.in/  
Lab\\_Migration\\_Project](https://scilab.in/Lab_Migration_Project)



# Acknowledgements

- **The Spoken Tutorial project is funded by the Ministry of Education, Government of India.**



# Thank you

- **This is Amandeepsingh Siddhu, a FOSSEE intern 2021, IIT Bombay signing off.**
- **Thanks for joining.**

