Creating Flowcharts

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, you will learn to:

Learning Objectives

In this tutorial, you will learn to:

▶ **Draw** Flowcharts

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In this tutorial, you will learn to:

▶ **Draw** Flowcharts

▶ **Connect** Flowcharts **using**
Connectors **and** Glue points

System Requirements

This tutorial is recorded using

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- **Ubuntu Linux OS version 18.04**

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- ▶ **Ubuntu Linux OS version 18.04**
- ▶ **LibreOffice Suite version 6.3.5**

Prerequisites

- **To practise this tutorial, you should have basic knowledge of** `LibreOffice Draw`
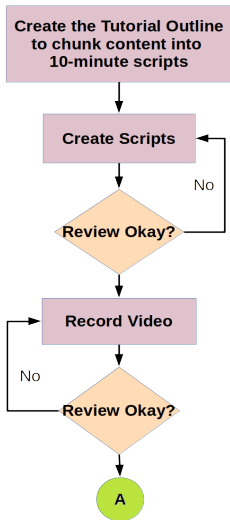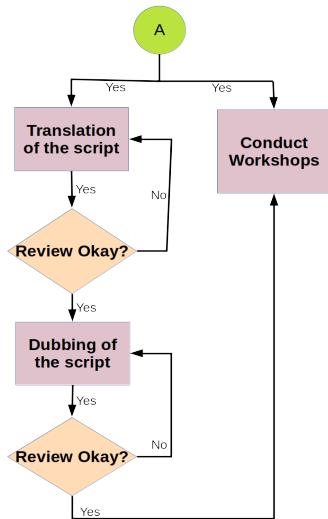
Prerequisites

► **To practise this tutorial, you should have basic knowledge of** `LibreOffice Draw`

► **If not, for relevant tutorials please visit this website**
https://spoken-tutorial.org

Flowchart

Flowchart

Connectors

Connectors

▶ Connectors **are lines or arrows whose ends are** docked **to an object**

Glue Points

Glue Points

▶ Glue points **are the points that glue the** connectors **to the** objects

Glue Points

▶ Glue points **are the points that glue the** connectors **to the** objects

▶ **All** objects **have** glue points, **but they are invisible**

Glue Points

Glue Points

► **They become visible when a connector is selected from the Drawing toolbar**

Glue Points

- **They become visible when a connector is selected from the Drawing toolbar**
- **When the mouse pointer is moved over an object**

Glue Points

Glue Points

▶ Glue points **are not the same as** handles

Glue Points

▶ Glue points **are not the same as** handles

▶ **We use** handles **to resize an** object

Glue Points

▶ Glue points **are not the same as** handles

▶ **We use** handles **to resize an** object

▶ **Whereas** Glue points **are used to** glue **the** connector **to an object**

Connectors and Arrows

Connectors and Arrows

- **In** `connectors`, **end points are automatically** `docked` **to the** `glue points` **of an** `object`

Connectors and Arrows

▶ **In** connectors, **end points are automatically** docked **to the** glue points **of an** object

▶ Lines and Arrows **on the other hand do not** dock **automatically**

Summary

In this tutorial, you have learnt to:

- ▶ **Draw** Flowcharts
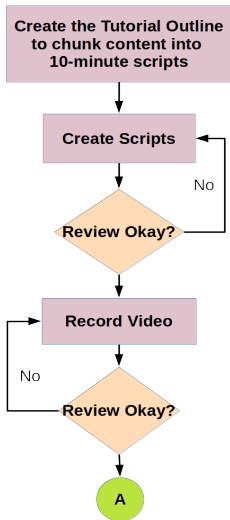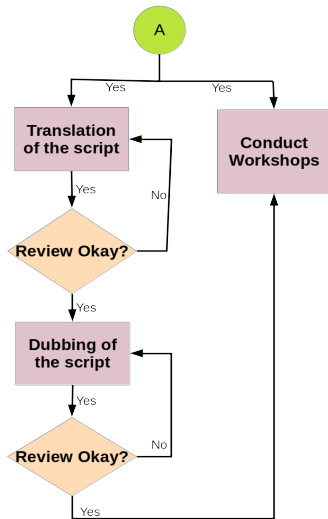- ▶ **Connect** Flowcharts **using** Connectors **and** Glue points

Assignment

▶ **Create the second part of the** `Spoken Tutorial` **flow chart**

▶ **Colour the** `process` **boxes and** `decision boxes`

▶ **Draw a** `connector` **with the letter** `A`

▶ **It should be the first object in this** `flowchart`

Flowchart

Flowchart

About Spoken Tutorial project

▶ Watch the video available at
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**

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

Acknowledgements

▶ **Spoken Tutorial project is funded by the Ministry of Education (MoE), Govt. of India**

About the Contributor

▶ **This tutorial was originally contributed by DesiCrew Solutions Pvt.Ltd. in 2011**

▶ **www.desicrew.in**

▶ **Thank you for joining**

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