

Create Action Object Tools

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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26 April 2019



Learning Objectives



Learning Objectives

We will learn,



Learning Objectives

We will learn,

- **About free and dependent objects**



Learning Objectives



Learning Objectives

We will also learn to,



Learning Objectives

We will also learn to,

- **Create a check box**



Learning Objectives

We will also learn to,

- **Create a check box**
- **Create an insert button**



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We will also learn to,

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System Requirement



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- **Ubuntu Linux OS v 16.04**



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- **GeoGebra v 5.0.438.0-d**



Pre-requisites



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- **Learner should be familiar with GeoGebra interface**



Pre-requisites

- Learner should be familiar with **GeoGebra** interface
- For the prerequisite **GeoGebra** tutorials, please visit <https://spoken-tutorial.org>



Code Files



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- To practise this tutorial you need to download the zip file given in the Code files link



Code Files

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- Extract the downloaded zip file



Code Files

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- **Locate tangents-circle.ggt file in the extracted folder**



Assignment



Assignment

- 1 In the circle input box change (A,B) to (B,A) and (A,A) and see what happens



Assignment

- 1 In the circle input box change (A,B) to (B,A) and (A,A) and see what happens
- 2 Explain your observation



Assignment



Assignment

1 Create a new button



Assignment

- 1 Create a new button
- 2 Write a GeoGebra script to change the colour and position of the points, A and B



Assignment



Assignment

- 1 Create a check box to show and hide the slider and the input box



Summary



Summary

We have learnt,

- **About free and dependent objects**



Summary



Summary

We have also learnt to,

- **Create a check box**
- **Create an insert button**
- **Insert an input box**



About the 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



Forum for specific questions

- Do you have questions in THIS Spoken Tutorial?
- Please visit
<https://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them



Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at

<https://spoken-tutorial.org/NMEICT-Intro>

