

# Create Contour Lines

**Spoken Tutorial Project**

**<https://spoken-tutorial.org>**

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

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# Learning Objectives



# Learning Objectives

- ▶ **Clip the area in DEM using the Clipper tool**



# Learning Objectives

- ▶ Clip the area in **DEM** using the **Clipper** tool
- ▶ **Show contour lines for the DEM**



# Learning Objectives

- ▶ Clip the area in **DEM** using the **Clipper** tool
- ▶ Show contour lines for the **DEM**
- ▶ Mark the highest elevated area on the contour map



# System Requirements



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- ▶ **Ubuntu Linux OS v 16.04**



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- ▶ **QGIS v 2.18**



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- ▶ **Ubuntu Linux OS v 16.04**
- ▶ **QGIS v 2.18**
- ▶ **Working internet connection**



# Pre-requisites



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- ▶ **QGIS interface**



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- ▶ **QGIS interface**
- ▶ <https://spoken-tutorial.org>



# Example File



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- ▶ **DEM data required to practise this tutorial is provided in the Code files link**



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- ▶ **DEM data required to practise this tutorial is provided in the Code files link**
- ▶ **Please download and extract the contents of the folder**



# About Contour Lines



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- ▶ It is a line on a map joining points of equal height above or below sea level



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- ▶ It is a line on a map joining points of equal height above or below sea level
- ▶ Contour lines help us to determine the highest and least elevated areas on the map



# Summary



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- ▶ Clip the area in **DEM** using the **Clipper** tool
- ▶ Show contour lines for the **DEM**
- ▶ Mark the highest elevated area on the contour map



# Assignment

- ▶ **Create contour lines for the area of your choice on the DEM**
- ▶ **Find the highest elevation for the area**



# About the 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



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- ▶ 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)



# Forum for specific questions

- ▶ 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



# Acknowledgement

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