Basics of Spreadsheet

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Lesson Objective

- **To start Geogebra**
  - **Ubuntu Version 10.04 LTS**
  - **Geogebra Version 3.2.40.0**

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- **In this tutorial we will learn how to use the spreadsheet in Geogebra.**

Lesson Outline

- **Use the spreadsheet**
  - **To represent and calculate data**
  - **To construct a Histogram**

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- **Use the spreadsheet**
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  - **To construct a Histogram**
- **Create recurring geogebra objects**
  - **Draw a set a parallel lines**

Histogram Data

- **Marks of 50 students in a 50-mark test**

From	To	Frequency
0	5	1
5	10	2
10	15	4
15	20	3
20	25	4
25	30	4
30	35	9
35	40	13
40	45	7
45	50	3

Geogebra Objects from Spreadsheet

- **Create points and line segments in the spreadsheet view to create a set of parallel lines (to the y-axis)**

Assignment1

- **Assignment 1 - Create a Histogram using the following data of distance between home and school for a class of 35 students**

Distance From	To	Frequency
0	3	11
3	6	9
6	9	6
9	12	5
12	15	3
15	18	1

Assignment1

- **Assignment 1 - continued**
  - **Use the spreadsheet view to represent the data**
  - **Create Class Boundary and Frequency lists**
  - **Use the input bar to create the histogram with the lists**
  - **Change the frequency and observe the change in the histogram**

Assignment2

- **Assignment 2 - Create concentric circles**
  - **Draw a point A on the drawing pad to mark the centre of the circle**
  - **Use the spread sheet to create a column A of Radius**
  - **Use column B of the spreadsheet to create the circles with centre A and the radius from column A**
  - **Move the Centre point A and observe**

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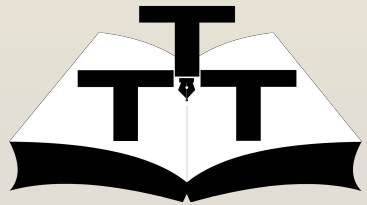

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- **More information: http://spoken-tutorial.org/NMEICT-Intro**

Thank you