

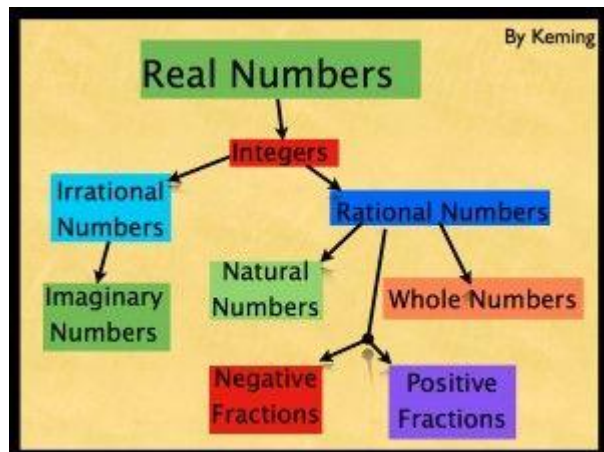
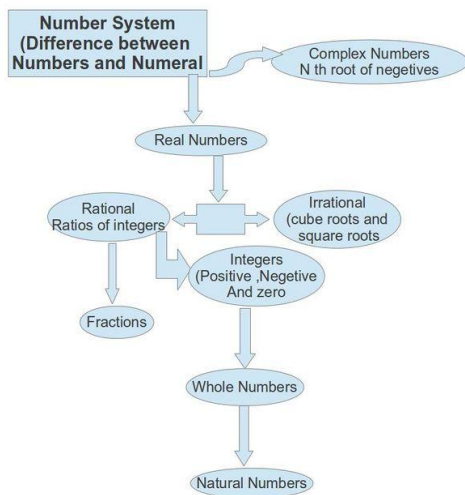
## Hierarchical Topic Generation for the transcribed text.

The main idea of this project is to get the multiple topics from a transcribed text and know their hierarchical level. The goal is to generate a mindmap with the transcribed text topics and their relative levels in a hierarchical way.

For example, in the [Number System](#) video, we get the following topics below

[Natural numbers, whole numbers, Integers, Integers, Whole numbers, etc,]

- We should be able to get the levels of the topics to map the contents correctly on a mind map. (roughly like the below images)



- We need this to be implemented in Python as a separate API.

The transcribed text can be found in the below link

<https://drive.google.com/file/d/1-hEclKvq6wWm6afp4FbFnth0nOVTcHP6/view?usp=sharing>

We came through the below article thought sharing it might be helpful for you to move forward.

<https://towardsdatascience.com/hierarchical-topic-modeling-with-bigartm-library-6f2ff730689f>