Concept Mapping using Cmap

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Before we start: Download Cmap from the given link

- https://cmap.ihmc.us/products/

Concept Map

- Graphical tools for organizing and representing knowledge.

Concept Map

- It shows concepts and ideas and the relationships among them.
- It represents an understanding of the relationship
- It shows the hierarchy between important concepts

Key features of Concept Maps

- First and foremost identification of concepts in the given topic
- Presenting the concepts within rectangular, or oval shapes called nodes
- Linking lines with or without arrows
- Linking words or phrases

Key features of Concept Maps

- Meaningful statements made up of two or more concepts connected with linking words are propositions
- Cross-links are relationships between concepts in different domains of the concept map

Why Concept Map?

- Helps in integration of new knowledge with existing knowledge
- New knowledge becomes easier to understand and to remember
- Concept map can work as a scaffolding in building new knowledge

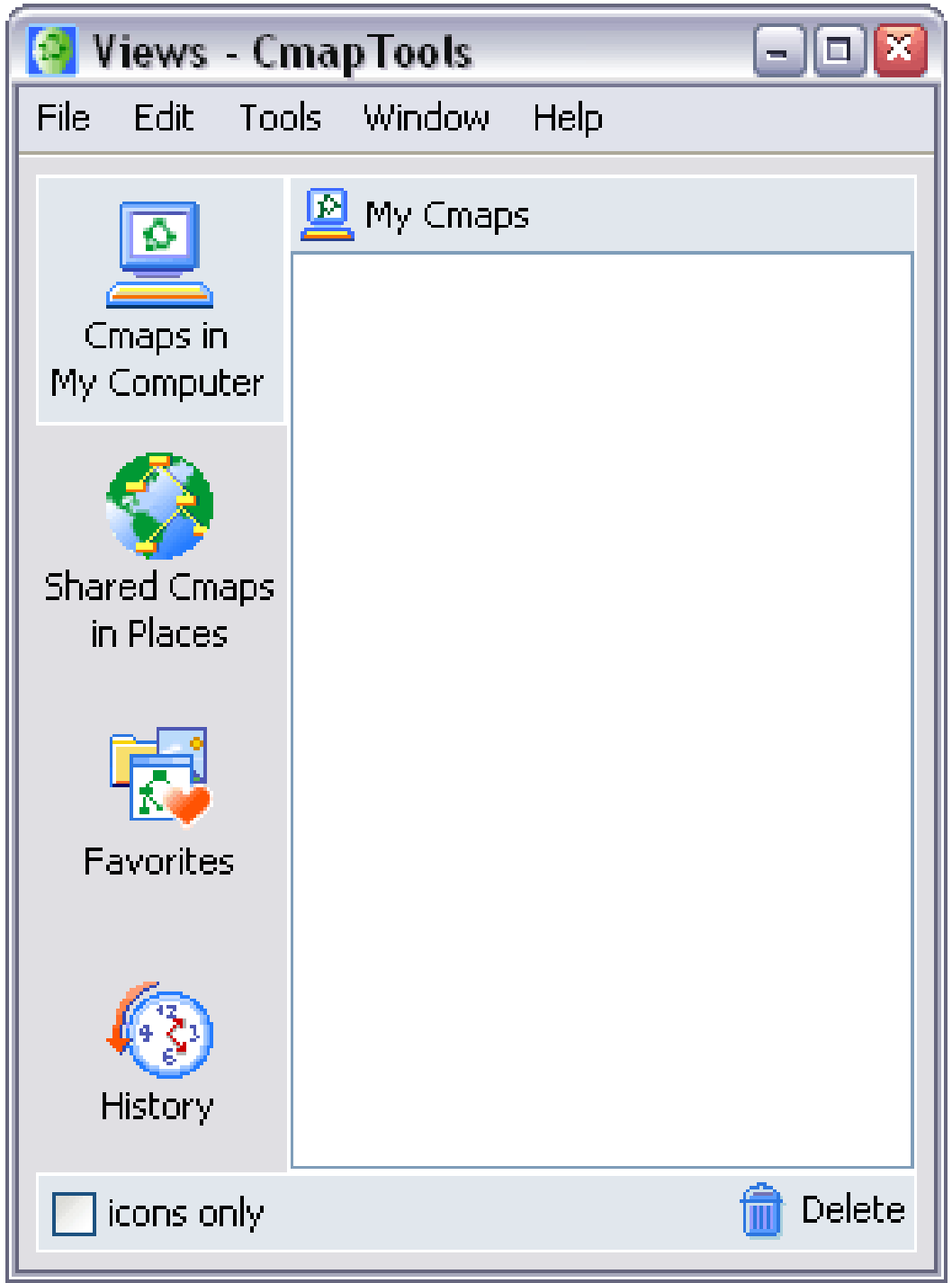
Why Concept Map?

- Facilitates comprehension with its visual format
- Encourages brainstorming and high-level thinking
- Fosters discovery of new concepts and their connections
- Provides clear communication of complex ideas

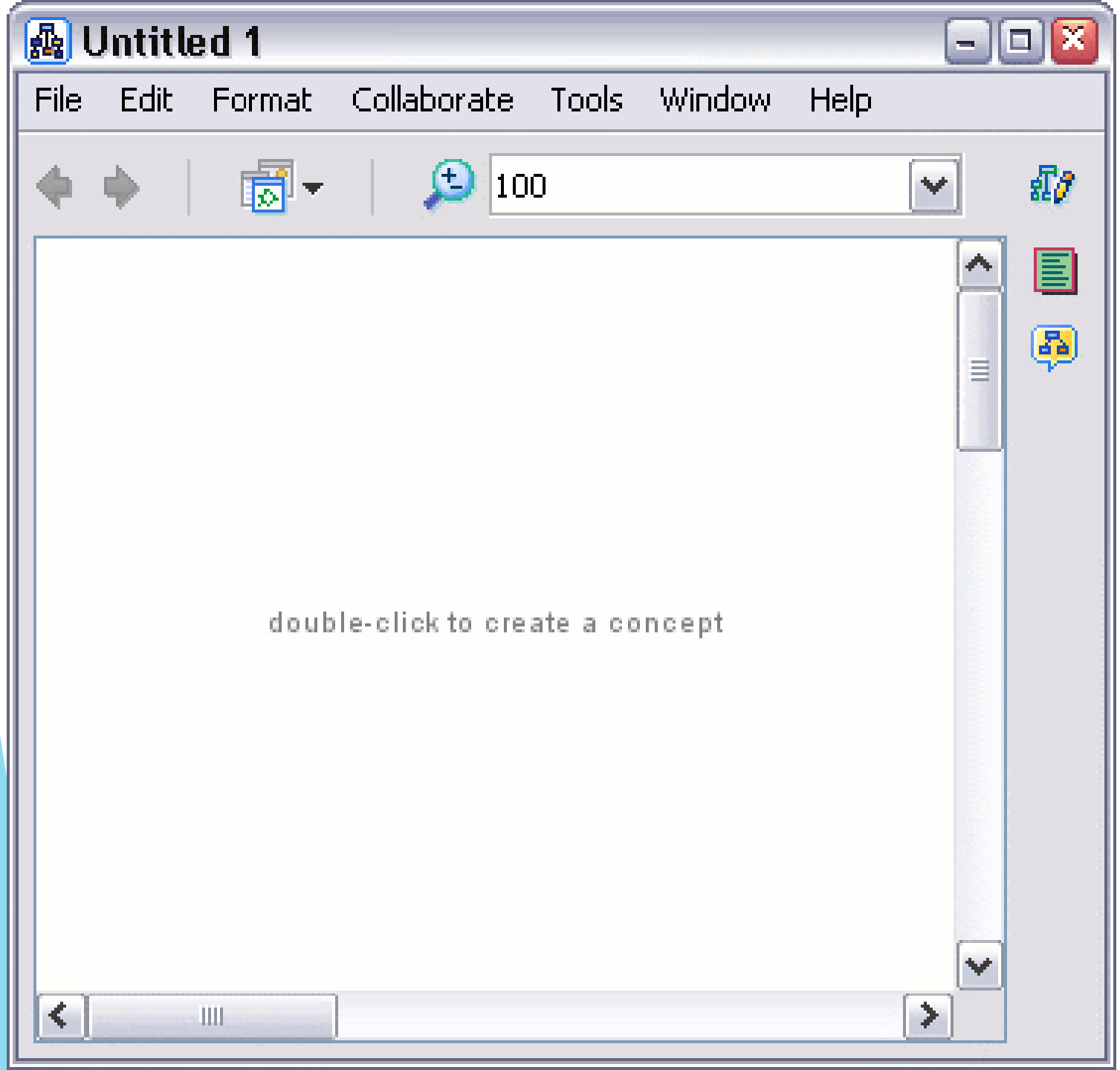
Why Concept Map?

- Promotes collaborative learning
- Sparks creativity
- Snapshots your current knowledge to assess understanding
- Identifies areas that need further knowledge or review

Concept Map By Prof MU Paily



Cmap Tools Window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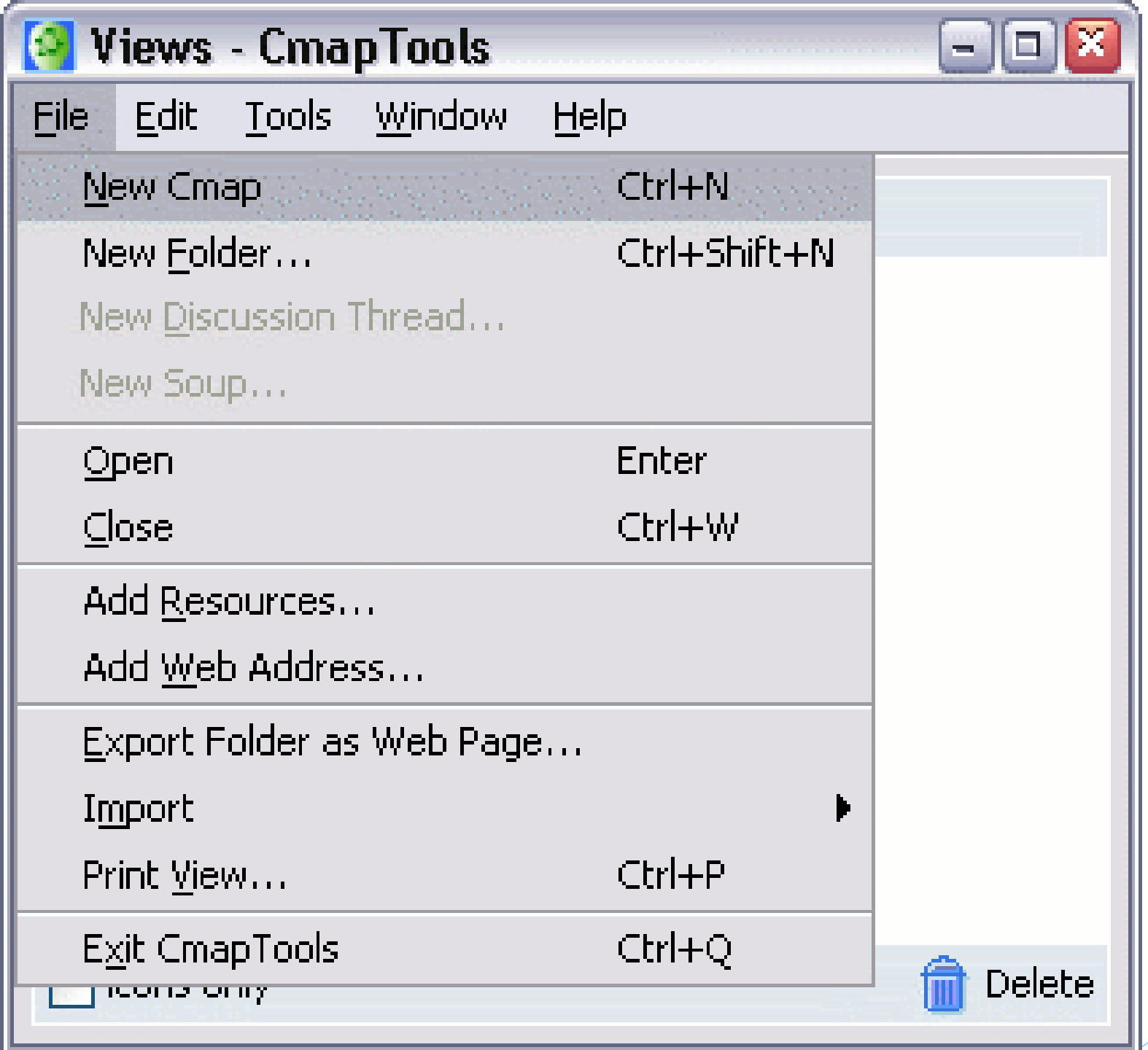
double-click to create a concept

Create Cmap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New Discussion Thread...
New Soup...
Open Enter
Close Ctrl+W
Add Resources...
Add Web Address...
Export Folder as Web Page...
Import
Print View... Ctrl+P
Exit CmapTools Ctrl+Q
Delete

Create Cmap

Moving on to the software

References

- https://cmap.ihmc.us/docs/conceptmap.php
- https://www.imindq.com/blog/differences-between-mind-maps-and-concept-maps
- https://ctl.byu.edu/tip/concept-mapping
- https://www.lucidchart.com/pages/concept-map#section_8