

## Lecture 1: Topic of Lecture

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### 1. SUBTOPIC SECTION 1

Text text text.

**Definition 1.1.** Let the the *intermediacy* of the topic be denoted by  $\alpha$ .

*Remark.* Note that “intermediacy” is not a word.

**Note:** Note we are noting something in the above remark. One could claim that it is actually a note.

Lorem ipsum whatever.

**Theorem 1.1.**  $x - y = 0 \iff y - x = 0$ .

*Proof.*  $x - y = 0 \iff x = y \iff y = x \iff y - x = 0$  by the reflexivity of equality. □

1.1. **Subsection 1.** Text text text.

1.1.1. *Subsubsection 1.* Text text text.

1.1.2. *Subsubsection 1.* Text text text.

1.1.3. *Subsubsection 1.* Text text text.

1.2. **Subsection 1.** Text text text.

1.3. **Subsection 1.** Text text text.

### 2. SUBTOPIC SECTION 1

Text text text.

2.1. **Subsection 2.** Text text text.

### 3. MORE STUFF!

#### 3.1. **blah.** Neat-o!

- Oh no.
- You're live-Texing your lecture notes.
- The professor is talking really fast.
- No time to organize your notes into neat sections, subsections, and subsubsections!
- Good thing you can just create an unordered list like this...
  - and have nested lists as well!
  - Look at that hierarchical structure!
- I'd say that's pretty neat.

## REFERENCES

- [1] Writey McAuthorface, *Introduction to Advanced Intermediate: For Beginning Experts*, Publishy McPress-face, 10th Edition, 2016.