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Lecture Notes  
for  
Subject 101: Introduction to Intermediate

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*University of Wisconsin-Madison*

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**Instructor:**

Professor Professorson

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If you find any errors in these notes, please e-mail me at  
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This is a set of lecture notes for Subject 101: Introduction to Intermediate, taught at University of Wisconsin-Madison by Professor Professorson in Fall/Spring 2016.

#### NOTATION:

We use the following non-standard notation:

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#### ACKNOWLEDGMENTS:

Thank you to the following people for helping me, in some way, with these lecture notes:

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Subject 101: Introduction to Intermediate

August 3, 2016

# Lecture 1: Topic of First Lecture

**Lecturer:** Professor Professorson

**Author:** Clark Zinzow

## 1.1. SUBTOPIC SECTION 1

Text text text.

**Definition 1.1.1.** 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 1.1.1.**  $x - y = 0 \iff y - x = 0$ .

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

1.1.1. **Subsection 1.** Text text text.

1.1.1.1. *Subsubsection 1.* Text text text.

1.1.1.2. *Subsubsection 1.* Text text text.

1.1.1.3. *Subsubsection 1.* Text text text.

1.1.2. **Subsection 1.** Text text text.

1.1.3. **Subsection 1.** Text text text.

## 1.2. SUBTOPIC SECTION 1

Text text text.

1.2.1. **Subsection 2.** Text text text.

### 1.3. MORE STUFF!

#### 1.3.1. **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.

## Lecture 2: Topic of Second Lecture

**Lecturer:** Professor Professorson

**Author:** Clark Zinzow

### 2.4. SUBTOPIC SECTION 1

Text text text.

**Definition 2.4.1.** 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 2.4.1.**  $x - y = 0 \iff y - x = 0$ .

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

2.4.1. **Subsection 1.** Text text text.

2.4.1.1. *Subsubsection 1.* Text text text.

2.4.1.2. *Subsubsection 1.* Text text text.

2.4.1.3. *Subsubsection 1.* Text text text.

2.4.2. **Subsection 1.** Text text text.

2.4.3. **Subsection 1.** Text text text.

### 2.5. SUBTOPIC SECTION 1

Text text text.

2.5.1. **Subsection 2.** Text text text.

## 2.6. MORE STUFF!

### 2.6.1. **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.