

SUBJECT 1234: COURSE TITLE

LECTURE 90 WORKSHEET

Summer 2099

Firstname Lastname

Apr 34

TITLE: Lecture Topic

SUMMARY: A brief summary of lecture.

§A. First Section

Uses kpfonts.

Definition A.1: Definition Title

A definition. The title is optional.

Typewriter font is written as Computer Code.

Example A.2: Title

- First example
 - Note 1
 - Note 2
- Second example

Some other text.

Theorem A.3: Theorem Title

A Theorem that uses objects defined in definition 1. Title is optional.

$$\int_a^b uv' \, dx = [u(x)v(x)]_a^b - \int_a^b u'(x)v(x) \, dx$$

Proof of theorem 3.

Proof text ends in qed symbol. Must be supplied the label of the theorem. ■

■ Question 1.

Automatic Question numbering

(a) *Greek letters and uppercase math letters are always upright. Such as*

(i) $\alpha x^2 + \beta$

(ii) $y = mx + C \in \mathbb{R}$

(b) Do the following tasks after 1.a.

(i) first do a.i.

(ii) ??

(iii) Profit

Solution. [Solution to the exercise.](#) Uncomment the “solutionfalse” flag at the top to make solutions invisible. ■

Fun Fact: This is a note with a custom title. Default is ‘Note:’.

§B. Second Section

Axiom 2.4

This is an axiom.

Code:

```
$ chmod +x hello.py
$ ./hello.py

Hello World!
```

Digression

A digression into tangentially related topics.

CASE 1: FIRST CASE

When example 2 is true.



A Warning: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis.

CASE 2: SECOND CASE

When example 2 is false.

Important Topic. Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

