Homework N

First Last

April 1, 2023

QUESTION I

Use the `question` environment for the questions.

PART A

They can be nested. By default, it's up to three levels, but that can be increased by adding more counters, symbols and titles shown in the preamble.

PART B

The questions will automatically update their numbering/lettering. This choice can also be changed via the symbols in the preamble.

SECTION 1

One subsubquestion

SECTION 2

And another

$$\nabla F = 0 \tag{1}$$

Question II

Use `\questiontext` to write out the question itself in this format. It uses a tcolorbox to create the spacing/border.

The values for the numberings/letterings will reset properly so no need to deal with that.

Question III   (*From* Super Good Book, ***question 13.37***)

Use the command `\book` to reference a specific problem in a book.

Custom Question 1

Use the optional argument to specify the name of the question.

Part A

The counting/lettering will not be interrupted by custom question titles.

Custom Part - $\int_a^b f(x)\,\mathrm{d}x$

Any question can be customized.

Question I

The counters can be reset to 1 at any point with the command `\resetCounters`.