LATEXNotes Class

How to take notes

This package should provide many commands and environments that the average student may want when taking notes in class. This includes color coding, highlighting, and emphasizing things in a consistent way.

You can highlight important things like this:

```
\begin{important}
    Important stuff goes here!
\end{important}
```

which would look like this:

Important stuff goes here!

Theorems and Proofs

Theorems and proofs are given ther own special highlighting, as follows. They can be made with

```
\begin{thm}{name of theorem}
...
\end{thm}

\begin{proof}
...
\end{proof}
```

Here is a sample theorem box:

Theorem: LATEXis a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. LATEXis the de facto standard for the communication and publication of scientific documents. LATEXis available as **free software**.

And here is a sample proof box:

Proof: LATEXis a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. LATEXis the de facto standard for the communication and publication of scientific documents. LATEXis available as **free software**. □

Definition: Computer science (abbreviated CS or CompSci) is the scientific and practical approach to computation and its applications. It is the systematic study of the feasibility, structure, expression, and mechanization of the methodical processes (or algorithms) that underlie the acquisition, representation, processing, storage, communication of, and access to information, whether such information is encoded in bits and bytes in a computer memory or transcribed engines and protein structures in a human cell. A **computer scientist** specializes in the theory of computation and the design of computational systems.

- Algorithms
- Programming Langages
- Operating Systems
- Machine Learning