Document begins with some initial text.

1 First Section

Here is some initial text before the shaded box.

Theorem 1.1 *This is the text to be shaded.*

This is some text after the first shade. It is separated from the environments by a blank line; that is all handled as usual in LaTeX.

Corollary 1.2 *This is more text to be shaded. It is numbered with the same counter as the environment above.*

Multiple paragraphs will be handled with the usual paragraph indentation, unless of course the user asks for a different paragraph indentation inside the environment.

This is not separated from the prior environment by a blank line and so I don't expect a new paragraph. This shows that the default is for the shaded areas have the usual text size so that shading sticks out into the margin. This is the shadethm option *bodymargin*. The behavior of having the shading end at the margin (so the words do not take up the full text width) comes from the option *shademargin*, invoked with `\usepackage[shademargin]{shadethm}`.

Theorem 1.3 *More text. This time not set in shade, but it is still numbered in the same sequence.*

A bit more.

Comment 1.1 *More text. This time neither set in shade, nor numbered in the same sequence.*

2 A New Section

Section preamble.

Theorem 2.1 *This theorem is shaded and the number has been reset by the section.*

Remark 2.2 *And a closing remark*

Finishing text.

3 A Test of Colors

This section shows how you can fool around to see some of you own colors.

Material before the theorem.

Theorem 3.1 *This is a theorem set in the cmyk color* ***.10,.10,0,0****, surrounded with a borderline set in the cmyk color* ***.75,.75,0,.5****. Note, for instance, that shades darken on overheads, so test your colors where you will use them.*

Material before the theorem.

Theorem 3.2 *This is a theorem set in the cmyk color* ***.04,.04,0,.10****, surrounded with a borderline set in the cmyk color* ***.99,0,0.52,0.70****. Note, for instance, that shades darken on overheads, so test your colors where you will use them.*

Material before the theorem.

Theorem 3.3 *This is a theorem set in the cmyk color* ***0,.13,.11,0****, surrounded with a borderline set in the cmyk color* ***0,0.88,0.85,0.35****. Note, for instance, that shades darken on overheads, so test your colors where you will use them.*

The prior theorem illustrates what happens if you use the option *colored*, as supplied in the file `colored.sth`, except that the supplied file has the color stick out into the margin.

One more supplied option is *shadein* where each shaded theorem is indented, like a LaTeX quotation.

Enjoy! –*Jim Hefferon*