Brian Clark
EECS 391, HWX
Due: Never

Proof of Brian's Theorem

1 Hello, this is line number 1. *Modus Ponens*, Lines 3-4

2 This is line number 2 *Modus Tollens*, Line 5

3 line 3, has comment without line number *Normal comment*

- 3a this is a subproof, first item
- 3b subproof, line 2 *Subproofs can have comments*
- 3c subproof, line 3 *Even lined comments*, Lines 2-6

4 Return to normal lines

5 This line has a note! *See below*[*]

6 This line also has a note, with a different symbol. *See below*[†]

7 Here's a line with a subproof

- 7a Subproof 1
- 7b Subproof 2
- 7c Subproof 3 - This line requires another level
  - c1 l1
  - c2 l2
- 7d Subproof 4

[*]This could be quite a lengthy explanation. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

[†]Hello!

8 Back to regular lines

9 Hello!

10 Wasting space!

11 This line is really long, and also has a comment! Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

White Path Theorem, Line 2

12 Another normal line!

13 Theorem = proved ■

Proof Number 2

(1) Notes in this proof start over with the symbols. *See below*[*] ■

[*]different symbol!