Main Output

Welcome to Line Editor.

Command Menu: [

Append line to the line editor's buffer of strings: a

Clear all lines from the line editor's buffer of strings: cls

Delete the line in the buffer of strings with a given index: del <index of line to delete>

Display the line in the buffer of strings with a given index: line <index of line to display>

Display the number of lines of the line editor's buffer of strings: lines

Display the number of words in the line editor's buffer of strings: words

Display this command menu: m

Insert a given line at a given index: i <index at which to insert>

Load lines from a file into the line editor's buffer of strings: load <path relative to project directory> <append / overwrite option (true / false)>

Print lines in the line editor's buffer of strings: p

Quit the line editor: quit

Replace all occurrences in each line in the line editor's buffer of strings of a first provided string with a second provided string: rep <target string> <replacement string>

Save the lines in the line editor's buffer of strings to a file: s <path relative to project directory>

]

--> a

Type a line: line 1

The line editor appended "line 1" to its buffer of strings.

--> p

1. line 1

--> b

line 1

--> cls

The line editor's buffer of strings was cleared.

--> p

--> b

--> a

Type a line: line 1

The line editor appended "line 1" to its buffer of strings.

--> a

Type a line: line 2

The line editor appended "line 2" to its buffer of strings.

--> a

Type a line: line 3

The line editor appended "line 3" to its buffer of strings.

--> p

1. line 1

2. line 2

3. line 3

--> b

line 1

line 2

line 3

--> del 2

--> p

1. line 1

2. line 3

--> b

line 1

line 3

--> line 2

line 3

--> lines

The number of lines in the line editor's buffer of strings is 2.

--> words

The number of words in the line editor's buffer of strings is 4.

--> m

Command Menu: [

Append line to the line editor's buffer of strings: a

Clear all lines from the line editor's buffer of strings: cls

Delete the line in the buffer of strings with a given index: del <index of line to delete>

Display the line in the buffer of strings with a given index: line <index of line to display>

Display the number of lines of the line editor's buffer of strings: lines

Display the number of words in the line editor's buffer of strings: words

Display this command menu: m

Insert a given line at a given index: i <index at which to insert>

Load lines from a file into the line editor's buffer of strings: load <path relative to project directory> <append / overwrite option (true / false)>

Print lines in the line editor's buffer of strings: p

Quit the line editor: quit

Replace all occurrences in each line in the line editor's buffer of strings of a first provided string with a second provided string: rep <target string> <replacement string>

Save the lines in the line editor's buffer of strings to a file: s <path relative to project directory>

]

--> i 2

Type a line: line 2

The line editor inserted line 2 into its buffer of strings at index 2.

--> p

1. line 1

2. line 2

3. line 3

--> b

line 1

line 2

line 3

--> load resources/Fairy\_Land\_I.txt

The line editor received command "load" without a path and an append / overwrite option.

--> p

1. line 1

2. line 2

3. line 3

--> load resources/Fairy\_Land\_I.txt true

The line editor added to its buffer of strings 17 lines from the file at "resources/Fairy\_Land\_I.txt".

--> p

1. line 1

2. line 2

3. line 3

4. Fairy Land I\r

5. \r

6. OVER hill, over dale,\r

7. Thorough bush, thorough brier,\r

8. Over park, over pale,\r

9. Thorough flood, thorough fire,\r

10. I do wander everywhere,\r

11. Swifter than the moone's sphere;\r

12. And I serve the fairy queen,\r

13. To dew her orbs upon the green:\r

14. The cowslips tall her pensioners be;\r

15. In their gold coats spots you see;\r

16. Those be rubies, fairy favours,\r

17. In those freckles live their savours:\r

18. I must go seek some dew-drops here,\r

19. And hang a pearl in every cowslip's ear.\r

20. William Shakespeare\r

--> b

line 1

line 2

line 3

Fairy Land I

OVER hill, over dale,

Thorough bush, thorough brier,

Over park, over pale,

Thorough flood, thorough fire,

I do wander everywhere,

Swifter than the moone's sphere;

And I serve the fairy queen,

To dew her orbs upon the green:

The cowslips tall her pensioners be;

In their gold coats spots you see;

Those be rubies, fairy favours,

In those freckles live their savours:

I must go seek some dew-drops here,

And hang a pearl in every cowslip's ear.

William Shakespeare

--> rep dale the beautiful dale

--> p

1. line 1

2. line 2

3. line 3

4. Fairy Land I\r

5. \r

6. OVER hill, over the beautiful dale,\r

7. Thorough bush, thorough brier,\r

8. Over park, over pale,\r

9. Thorough flood, thorough fire,\r

10. I do wander everywhere,\r

11. Swifter than the moone's sphere;\r

12. And I serve the fairy queen,\r

13. To dew her orbs upon the green:\r

14. The cowslips tall her pensioners be;\r

15. In their gold coats spots you see;\r

16. Those be rubies, fairy favours,\r

17. In those freckles live their savours:\r

18. I must go seek some dew-drops here,\r

19. And hang a pearl in every cowslip's ear.\r

20. William Shakespeare\r

--> s result\_of\_running\_all\_commands\_wo\_command-line\_argument.txt

The lines in the line editor's buffer of strings were saved to a file at result\_of\_running\_all\_commands\_wo\_command-line\_argument.txt.

--> quit

LineEditor is quitting.

Welcome to Line Editor.

The line editor added to its buffer of strings 17 lines from the file at "resources/Fairy\_Land\_I.txt".

Command Menu: [

Append line to the line editor's buffer of strings: a

Clear all lines from the line editor's buffer of strings: cls

Delete the line in the buffer of strings with a given index: del <index of line to delete>

Display the line in the buffer of strings with a given index: line <index of line to display>

Display the number of lines of the line editor's buffer of strings: lines

Display the number of words in the line editor's buffer of strings: words

Display this command menu: m

Insert a given line at a given index: i <index at which to insert>

Load lines from a file into the line editor's buffer of strings: load <path relative to project directory> <append / overwrite option (true / false)>

Print lines in the line editor's buffer of strings: p

Quit the line editor: quit

Replace all occurrences in each line in the line editor's buffer of strings of a first provided string with a second provided string: rep <target string> <replacement string>

Save the lines in the line editor's buffer of strings to a file: s <path relative to project directory>

]

--> p

1. Fairy Land I\r

2. \r

3. OVER hill, over dale,\r

4. Thorough bush, thorough brier,\r

5. Over park, over pale,\r

6. Thorough flood, thorough fire,\r

7. I do wander everywhere,\r

8. Swifter than the moone's sphere;\r

9. And I serve the fairy queen,\r

10. To dew her orbs upon the green:\r

11. The cowslips tall her pensioners be;\r

12. In their gold coats spots you see;\r

13. Those be rubies, fairy favours,\r

14. In those freckles live their savours:\r

15. I must go seek some dew-drops here,\r

16. And hang a pearl in every cowslip's ear.\r

17. William Shakespeare\r

--> b

Fairy Land I

OVER hill, over dale,

Thorough bush, thorough brier,

Over park, over pale,

Thorough flood, thorough fire,

I do wander everywhere,

Swifter than the moone's sphere;

And I serve the fairy queen,

To dew her orbs upon the green:

The cowslips tall her pensioners be;

In their gold coats spots you see;

Those be rubies, fairy favours,

In those freckles live their savours:

I must go seek some dew-drops here,

And hang a pearl in every cowslip's ear.

William Shakespeare

--> a

Type a line: line 18

The line editor appended "line 18" to its buffer of strings.

--> p

1. Fairy Land I\r

2. \r

3. OVER hill, over dale,\r

4. Thorough bush, thorough brier,\r

5. Over park, over pale,\r

6. Thorough flood, thorough fire,\r

7. I do wander everywhere,\r

8. Swifter than the moone's sphere;\r

9. And I serve the fairy queen,\r

10. To dew her orbs upon the green:\r

11. The cowslips tall her pensioners be;\r

12. In their gold coats spots you see;\r

13. Those be rubies, fairy favours,\r

14. In those freckles live their savours:\r

15. I must go seek some dew-drops here,\r

16. And hang a pearl in every cowslip's ear.\r

17. William Shakespeare\r

18. line 18

--> cls

The line editor's buffer of strings was cleared.

--> p

--> b

--> a

Type a line: line 1

The line editor appended "line 1" to its buffer of strings.

--> a

Type a line: line 2

The line editor appended "line 2" to its buffer of strings.

--> a

Type a line: line 3

The line editor appended "line 3" to its buffer of strings.

--> p

1. line 1

2. line 2

3. line 3

--> b

line 1

line 2

line 3

--> del 1

--> p

1. line 2

2. line 3

--> b

line 2

line 3

--> line 1

line 2

--> lines

The number of lines in the line editor's buffer of strings is 2.

--> words

The number of words in the line editor's buffer of strings is 4.

--> m

Command Menu: [

Append line to the line editor's buffer of strings: a

Clear all lines from the line editor's buffer of strings: cls

Delete the line in the buffer of strings with a given index: del <index of line to delete>

Display the line in the buffer of strings with a given index: line <index of line to display>

Display the number of lines of the line editor's buffer of strings: lines

Display the number of words in the line editor's buffer of strings: words

Display this command menu: m

Insert a given line at a given index: i <index at which to insert>

Load lines from a file into the line editor's buffer of strings: load <path relative to project directory> <append / overwrite option (true / false)>

Print lines in the line editor's buffer of strings: p

Quit the line editor: quit

Replace all occurrences in each line in the line editor's buffer of strings of a first provided string with a second provided string: rep <target string> <replacement string>

Save the lines in the line editor's buffer of strings to a file: s <path relative to project directory>

]

--> i 1

Type a line: line 1

--> p

1. line 1

2. line 2

3. line 3

--> b

line 1

line 2

line 3

--> load resources/Fairy\_Land\_I.txt

The line editor received command "load" without a path and an append / overwrite option.

--> load resources/Fairy\_Land\_I.txt true

The line editor added to its buffer of strings 17 lines from the file at "resources/Fairy\_Land\_I.txt".

--> p

1. line 1

2. line 2

3. line 3

4. Fairy Land I\r

5. \r

6. OVER hill, over dale,\r

7. Thorough bush, thorough brier,\r

8. Over park, over pale,\r

9. Thorough flood, thorough fire,\r

10. I do wander everywhere,\r

11. Swifter than the moone's sphere;\r

12. And I serve the fairy queen,\r

13. To dew her orbs upon the green:\r

14. The cowslips tall her pensioners be;\r

15. In their gold coats spots you see;\r

16. Those be rubies, fairy favours,\r

17. In those freckles live their savours:\r

18. I must go seek some dew-drops here,\r

19. And hang a pearl in every cowslip's ear.\r

20. William Shakespeare\r

--> b

line 1

line 2

line 3

Fairy Land I

OVER hill, over dale,

Thorough bush, thorough brier,

Over park, over pale,

Thorough flood, thorough fire,

I do wander everywhere,

Swifter than the moone's sphere;

And I serve the fairy queen,

To dew her orbs upon the green:

The cowslips tall her pensioners be;

In their gold coats spots you see;

Those be rubies, fairy favours,

In those freckles live their savours:

I must go seek some dew-drops here,

And hang a pearl in every cowslip's ear.

William Shakespeare

--> rep Shakespeare placeholder

--> b

line 1

line 2

line 3

Fairy Land I

OVER hill, over dale,

Thorough bush, thorough brier,

Over park, over pale,

Thorough flood, thorough fire,

I do wander everywhere,

Swifter than the moone's sphere;

And I serve the fairy queen,

To dew her orbs upon the green:

The cowslips tall her pensioners be;

In their gold coats spots you see;

Those be rubies, fairy favours,

In those freckles live their savours:

I must go seek some dew-drops here,

And hang a pearl in every cowslip's ear.

William placeholder

--> rep William Shakespeare

--> rep placeholder William

--> b

line 1

line 2

line 3

Fairy Land I

OVER hill, over dale,

Thorough bush, thorough brier,

Over park, over pale,

Thorough flood, thorough fire,

I do wander everywhere,

Swifter than the moone's sphere;

And I serve the fairy queen,

To dew her orbs upon the green:

The cowslips tall her pensioners be;

In their gold coats spots you see;

Those be rubies, fairy favours,

In those freckles live their savours:

I must go seek some dew-drops here,

And hang a pearl in every cowslip's ear.

Shakespeare William

--> words

The number of words in the line editor's buffer of strings is 89.

--> p

1. line 1

2. line 2

3. line 3

4. Fairy Land I\r

5. \r

6. OVER hill, over dale,\r

7. Thorough bush, thorough brier,\r

8. Over park, over pale,\r

9. Thorough flood, thorough fire,\r

10. I do wander everywhere,\r

11. Swifter than the moone's sphere;\r

12. And I serve the fairy queen,\r

13. To dew her orbs upon the green:\r

14. The cowslips tall her pensioners be;\r

15. In their gold coats spots you see;\r

16. Those be rubies, fairy favours,\r

17. In those freckles live their savours:\r

18. I must go seek some dew-drops here,\r

19. And hang a pearl in every cowslip's ear.\r

20. Shakespeare William\r

--> lines

The number of lines in the line editor's buffer of strings is 20.

--> s result\_of\_running\_all\_commands\_with\_command-line\_argument.txt

The lines in the line editor's buffer of strings were saved to a file at result\_of\_running\_all\_commands\_with\_command-line\_argument.txt.

--> quit

LineEditor is quitting.

Test Output



