C:\Users\Soh Hong Yu\OneDrive\Desktop\Coding\DSA\CA1>python main.py

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* ST1507 DSAA: Welcome to: \*

\* \*

\* ~ Thesaurus Based Text Processing Application ~ \*

\*----------------------------------------------------------\*

\* \*

\* - Done by: Soh Hong Yu (2100775) \*

\* - Class DAAA/2B/01 \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 10

Bye, thanks for using ST1507 DSAA: Thesaurus Based Text Processor

C:\Users\Soh Hong Yu\OneDrive\Desktop\Coding\DSA\CA1>python main.py

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* ST1507 DSAA: Welcome to: \*

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\* ~ Thesaurus Based Text Processing Application ~ \*

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\* - Done by: Soh Hong Yu (2100775) \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 1

We will be starting a new Thesaurus.

You may now enter a series of keywords and their synonyms.

Enter keyword (Enter 0 to return): cat

You may enter one or more synonyms for "cat"

(please press "Enter" once done.)

Enter synonym for "cat": kitty

Enter synonym for "cat": feline

Enter synonym for "cat": kitten

Enter synonym for "cat": pussycat

Enter synonym for "cat":

Do you want to add more synonyms? y/n: n

Do you want to add more keywords? y/n: y

Enter keyword (Enter 0 to return): brave

You may enter one or more synonyms for "brave"

(please press "Enter" once done.)

Enter synonym for "brave": courageous

Enter synonym for "brave": valiant

Enter synonym for "brave": heroic

Enter synonym for "brave": bold

Enter synonym for "brave": daring

Enter synonym for "brave": fearless

Enter synonym for "brave": plucky

Enter synonym for "brave":

Do you want to add more synonyms? y/n: n

Do you want to add more keywords? y/n: y

Enter keyword (Enter 0 to return): ferocious

You may enter one or more synonyms for "ferocious"

(please press "Enter" once done.)

Enter synonym for "ferocious": fierce

Enter synonym for "ferocious": vicious

Enter synonym for "ferocious": violent

Enter synonym for "ferocious": cruel

Enter synonym for "ferocious": brutal

Enter synonym for "ferocious": aggressive

Enter synonym for "ferocious": wild

Enter synonym for "ferocious": unruly

Enter synonym for "ferocious": savage

Enter synonym for "ferocious": merciless

Enter synonym for "ferocious": barbarous

Enter synonym for "ferocious":

Do you want to add more synonyms? y/n: n

Do you want to add more keywords? y/n: n

Your new Thesaurus is ready and printed here....

brave: bold, courageous, daring, fearless, heroic, plucky, valiant

cat: feline, kitten, kitty, pussycat

ferocious: aggressive, barbarous, brutal, cruel, fierce, merciless, savage, unruly, vicious, violent, wild

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 9

Save As

Please enter new filename (Enter 0 to return): thesauruss1.txt

Your file "thesauruss1.txt" has been saved

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 2

We will be opening an existing Thesaurus.

Please enter input file (Enter 0 to return): thesaurus1.txt

File does not exist! Please try again!

Please enter input file (Enter 0 to return): thesauruss1.txt

Thesaurus "thesauruss1.txt" has been loaded and is printed here...

brave: bold, courageous, daring, fearless, heroic, plucky, valiant

cat: feline, kitten, kitty, pussycat

ferocious: aggressive, barbarous, brutal, cruel, fierce, merciless, savage, unruly, vicious, violent, wild

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 3

Please select your choice: (1,2,3,4,5)

1. Alphabetically (Default)

2. Length/Alphabetically

3. Length/Random Alphabetically

4. Randomly

5. Back to Main Menu

Enter choice: 2

Sorting Synonyms: Length/Alphabetically

brave: bold, daring, heroic, plucky, valiant, fearless, courageous

cat: kitty, feline, kitten, pussycat

ferocious: wild, cruel, brutal, fierce, savage, unruly, vicious, violent, barbarous, merciless, aggressive

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice:

You must enter a number. Please try again!

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 3

Please select your choice: (1,2,3,4,5)

1. Alphabetically (Default)

2. Length/Alphabetically

3. Length/Random Alphabetically

4. Randomly

5. Back to Main Menu

Enter choice: 1

Sorting Synonyms: Alphabetically (Default)

brave: bold, courageous, daring, fearless, heroic, plucky, valiant

cat: feline, kitten, kitty, pussycat

ferocious: aggressive, barbarous, brutal, cruel, fierce, merciless, savage, unruly, vicious, violent, wild

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 3

Please select your choice: (1,2,3,4,5)

1. Alphabetically (Default)

2. Length/Alphabetically

3. Length/Random Alphabetically

4. Randomly

5. Back to Main Menu

Enter choice: 3

Sorting Synonyms: Length/Random Alphabetically

brave: bold, daring, plucky, heroic, valiant, fearless, courageous

cat: kitty, feline, kitten, pussycat

ferocious: wild, cruel, fierce, brutal, unruly, savage, violent, vicious, barbarous, merciless, aggressive

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 3

Please select your choice: (1,2,3,4,5)

1. Alphabetically (Default)

2. Length/Alphabetically

3. Length/Random Alphabetically

4. Randomly

5. Back to Main Menu

Enter choice: 4

Sorting Synonyms: Randomly

brave: bold, courageous, plucky, fearless, valiant, heroic, daring

cat: kitten, feline, pussycat, kitty

ferocious: brutal, violent, aggressive, unruly, fierce, vicious, merciless, savage, wild, barbarous, cruel

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 3

Please select your choice: (1,2,3,4,5)

1. Alphabetically (Default)

2. Length/Alphabetically

3. Length/Random Alphabetically

4. Randomly

5. Back to Main Menu

Enter choice: 1

Sorting Synonyms: Alphabetically (Default)

brave: bold, courageous, daring, fearless, heroic, plucky, valiant

cat: feline, kitten, kitty, pussycat

ferocious: aggressive, barbarous, brutal, cruel, fierce, merciless, savage, unruly, vicious, violent, wild

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 4

Select the file you want to process

Please enter input file (Enter 0 to return): localnews1.txt

The text before processing

A stray cat was recently spotted in the neighborhood protecting her little kitten as the two were being attacked by a ferocious dog. The brave feline eventually managed to chase the aggressive dog away. This goes to show that we should never underestimate a pussycat's maternal instincts when looking after her little kitty.

Press any key to continue . . .

Next choose a Text Processing option.

Please select your choice: (1,2,3)

1. Simplified Writing

2. Elegant Writing

3. Back to Main Menu

Enter choice: 1

Processing text for: Simplified Writing

The text after processing:

A stray cat was recently spotted in the neighborhood protecting her little cat as the two were being attacked by a ferocious dog. The brave cat eventually managed to chase the ferocious dog away. This goes to show that we should never underestimate a cat's maternal instincts when looking after her little cat.

Press any key to continue . . .

Do you want to save the text to a file? y/n: y

Please enter new filename (Enter 0 to return): simplified.txt

The text has been saved in "simplified.txt"

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 4

Select the file you want to process

Please enter input file (Enter 0 to return): localnews2.txt

The text before processing

A stray cat was recently spotted in the neighborhood protecting her little cat as the two were being attacked by a ferocious dog. The brave cat eventually managed to chase the ferocious dog away. This goes to show that we should never underestimate a cat's maternal instincts when looking after her little cat.

Press any key to continue . . .

Next choose a Text Processing option.

Please select your choice: (1,2,3)

1. Simplified Writing

2. Elegant Writing

3. Back to Main Menu

Enter choice: 2

Processing text for: Elegant Writing

The text after processing:

A stray feline was recently spotted in the neighborhood protecting her little kitten as the two were being attacked by a aggressive dog. The bold kitty eventually managed to chase the barbarous dog away. This goes to show that we should never underestimate a pussycat's maternal instincts when looking after her little feline.

Press any key to continue . . .

Do you want to save the text to a file? y/n: y

Please enter new filename (Enter 0 to return): elegant.txt

The text has been saved in "elegant.txt"

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 7

The Thesaurus "thesauruss1.txt" is printed here....

brave: bold, courageous, daring, fearless, heroic, plucky, valiant

cat: feline, kitten, kitty, pussycat

ferocious: aggressive, barbarous, brutal, cruel, fierce, merciless, savage, unruly, vicious, violent, wild

Press any key to continue . . .

Please select your choice: (1,2,3,4,5,6,7,8,9,10)

1. New

2. Open

3. Sort

4. Process Text

5. Additional Functions

6. Online Thesaurus

7. Print

8. Save

9. Save As

10. Exit

Enter choice: 10

Bye, thanks for using ST1507 DSAA: Thesaurus Based Text Processor