

## Links:

### Refactor 1:

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/3a40b77e8f08fa4ca391b6e1546246af258433d5](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/3a40b77e8f08fa4ca391b6e1546246af258433d5)

### Refactor 2:

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/3a40b77e8f08fa4ca391b6e1546246af258433d5](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/3a40b77e8f08fa4ca391b6e1546246af258433d5)

### Refactor 3:

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/f41466565cb31d40bda1f9fe20358fda01e251c6](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/f41466565cb31d40bda1f9fe20358fda01e251c6)

### Refactor 4:

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/3824d2739ca2ce327c6056682b0876a8a541d625](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/3824d2739ca2ce327c6056682b0876a8a541d625)

### Refactor 5:

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/f654a7951046b4233167002067e93ee9d252d808](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/f654a7951046b4233167002067e93ee9d252d808)

### Implementing Design pattern:

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/a9335274c5fe409f92b1fb57efab1db2a9b7ac66](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/a9335274c5fe409f92b1fb57efab1db2a9b7ac66)

### Algorithm Selection

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/435aa87468e51ff70ae03d286d52fe2fc96587bd](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/435aa87468e51ff70ae03d286d52fe2fc96587bd)

### Random Walk Algorithm

[https://github.com/JulianGomez1604/CSE\\_464\\_2024\\_jjgomezm/commit/7c905cc0ffe37549d1058e0c71d3641e217e07fe](https://github.com/JulianGomez1604/CSE_464_2024_jjgomezm/commit/7c905cc0ffe37549d1058e0c71d3641e217e07fe)

### Pull Request:

# Pull Request CSE 464 #1

Open

JulianGomez1604 wants to merge 12 commits into `request` from `main`

Conversation 0

Commits 12

Checks 1

Files changed 16



JulianGomez1604 commented 5 days ago

Owner ...

No description provided.



JulianGomez1604 added 12 commits last week

- Refactored Command Print Statement ... 3a40b77
- Merge branch 'main' of github.com:JulianGomez1604/CSE\_464\_2024\_jjgomezm ✓ 91f0491
- Refactored Text Concatination ... ✓ e71bc3e
- Refactored Method Name parseGraph -> importGraph ... ✗ f414665
- Fixed Build Error From Previous Refactor ... ✓ fc1a2a9
- Refactored Structure and Removed DeadCode ... ✓ 3824d27
- Refactored Method outputGraph -> fileOutputGraph ... ✓ f654a79
- Inserted Test .dot file required ✓ 987fc87
- Implemented template patter for step 2 ... ✓ a933527
- Implemented Algoithm selection ... ✓ 435aa87
- Implemented Random Walk Algo ... ✓ 7c905cc
- Updated text prompt for search algorithm ✓ 3d6ce68

## Running Test Cases:

For all test cases:

mvn

-Dtest=testFirstFeature,testSecondFeature,testThirdFeature,testFourthFeature,testPart2 test

For only new cases:

```
mvn -Dtest=testPart2 test
```

### User Manual for RAND WALK (New Feature):

**\*All old features are used the same way reference README for previous parts\***

Path for import:

my-app/src/dot files/input.dot

Run Code and input these options:

a

\*path to file provided\*

f                   \*to confirm import\*

j

a

h

RAND

```
Please select an option:
```

```
j
```

```
Enter source node:
```

```
a
```

```
Enter destination node:
```

```
h
```

```
Choose an algorithm to search for the path, 'BFS', 'DFS', or 'RAND':
```

```
RAND
```

```
a -> b -> c -> d -> a -> e -> g -> h
```

Please select an option:

*j*

Enter source node:

*a*

Enter destination node:

*h*

Choose an algorithm to search for the path, 'BFS', 'DFS', or 'RAND':

*RAND*

a -> b -> c -> d -> a -> b -> c -> d -> a -> e -> f -> h