EXPECTED OUTPUTS FOR FEATURES TESTS

Removenode test:
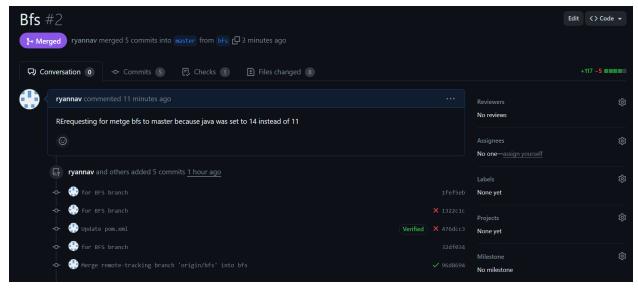
```java
    @Test
    public void testremovenode(){
        main s = new main();
        s.parseGraph( filepath: "/test1.dot");
        s.addNode( Label: "E");
        s.tostring();
        s.removeNode( label: "B");
        assertEquals(s.tostring(), actual: "Your vertexes: [A, C, D, E]\n" +
                "Number of vertexes in your graph: 4\n" +
                "Number of edges in your graph: 2\n" +
                "digraph \"D\" {\n" +
                "\"E\"\n" +
                "\"A\" -> \"D\"\n" +
                "\"A\" -> \"C\"\n" +
                "}");
    }
```

```
✔ Tests passed: 1 of 1 test – 350 ms
E:\JDK\bin\java.exe ...
Your vertexes: [A, B, C, D, E]
Number of vertexes in your graph: 5
Number of edges in your graph: 3
digraph "D" {
"E"
"A" -> "B"
"A" -> "C"
"A" -> "D"
}
Your vertexes: [A, C, D, E]
Number of vertexes in your graph: 4
Number of edges in your graph: 2
digraph "D" {
"E"
"A" -> "D"
"A" -> "C"
}
```

```java
    @Test
    public void testremovenodeError(){
        main s = new main();
        s.parseGraph( filepath: "/test1.dot");
        s.addNode( Label: "E");
        s.tostring();
        assertEquals(s.removeNode( label: "F"), actual: false);//false means it sends error code
    }
    ± Manuel Navarro +1
    @Test
```

```
✔ Tests passed: 1 of 1 test – 378 ms
E:\JDK\bin\java.exe ...
Your vertexes: [A, B, C, D, E]
Number of vertexes in your graph: 5
Number of edges in your graph: 3
digraph "D" {
"E"
"A" -> "B"
"A" -> "C"
"A" -> "D"
}
Error, node does not exist

Process finished with exit code 0
```

removeNodes test:

```java
@Test
public void testremovenodes(){
    main s = new main();
    s.parseGraph( filepath: "/test1.dot");
    s.addNode( Label: "E");
    s.tostring();
    String[] testArr = {"B","C","D"};
    s.removeNodes(testArr);
    assertEquals(s.tostring(), actual: "Your vertexes: [A, E]\n" +
            "Number of vertexes in your graph: 2\n" +
            "Number of edges in your graph: 0\n" +
            "digraph \"D\" {\n" +
            "\"A\"\n" +
            "\"E\"\n" +
            "}");
}
```

```
✓ Tests passed: 1 of 1 test – 354 ms
E:\JDK\bin\java.exe ...
Your vertexes: [A, B, C, D, E]
Number of vertexes in your graph: 5
Number of edges in your graph: 3
digraph "D" {
"E"
"A" -> "B"
"A" -> "C"
"A" -> "D"
}
Your vertexes: [A, E]
Number of vertexes in your graph: 2
Number of edges in your graph: 0
digraph "D" {
"A"
"E"
}

Process finished with exit code 0
```

removeEdge test:

```java
new *
@Test
public void testremovenodeandedges(){
    main s = new main();
    s.parseGraph( filepath: "/test1.dot");
    s.addNode( Label: "E");
    s.addNode( Label: "F");
    s.addEdge( srcLabel: "A", dstLabel: "F");
    s.tostring();
    s.removeNode( label: "B");
    s.removeNode( label: "E");
    s.removeEdge( srcLabel: "A", dstLabel: "C");
    s.removeEdge( srcLabel: "A", dstLabel: "F");
    assertEquals(s.tostring(),  actual: "Your vertexes: [A, C, D, F]\n" +
            "Number of vertexes in your graph: 4\n" +
            "Number of edges in your graph: 1\n" +
            "digraph \"D\" {\n" +
            "\"F\"\n" +
            "\"C\"\n" +
            "\"A\" -> \"D\"\n" +
            "}");
}
```

Manuel Navarro +1

✓ Tests passed: 1 of 1 test – 380 ms

```
"A" -> "C"
"A" -> "D"
}
Your vertexes: [A, C, D, F]
Number of vertexes in your graph: 4
Number of edges in your graph: 1
digraph "D" {
"F"
"C"
"A" -> "D"
}
```

```
                ⚫ ryannav
                @Test
  ⚫             public void testremoveedgeERROR(){
                    main s = new main();
                    s.parseGraph( filepath: "/test1.dot");
                    s.addNode( Label: "E");
                    s.tostring();
                    assertEquals(s.removeEdge( srcLabel: "A", dstLabel: "E"), actual: false);
                }
                ⚫ ryannav +1
                @Test
```

✓ Tests passed: 1 of 1 test – 399 ms

```
E:\JDK\bin\java.exe ...
Your vertexes: [A, B, C, D, E]
Number of vertexes in your graph: 5
Number of edges in your graph: 3
digraph "D" {
"E"
"A" -> "B"
"A" -> "C"
"A" -> "D"
}
EXCEPTION, Your edge does not exist

Process finished with exit code 0
```

First time running the CI successfully

First merge BFS branch to master

Bfs #2

`Edit` `<> Code ▾`

⑂ Merged ryannav merged 5 commits into `master` from `bfs` ⎘ 3 minutes ago

| 🗨 Conversation **0** | -○- Commits **5** | 🗂 Checks **1** | ⊞ Files changed **8** | +117 −5 ■■■■■ |

ryannav commented 11 minutes ago ···

RErequesting for metge bfs to master because java was set to 14 instead of 11

☺

ryannav and others added 5 commits 1 hour ago

-○-	⬡ for BFS branch		1fef5eb
-○-	⬡ for BFS branch	✗	1322c1c
-○-	⬡ Update pom.xml	Verified ✗	476dcc3
-○-	⬡ for BFS branch		32df034
-○-	⬡ Merge remote-tracking branch 'origin/bfs' into bfs	✓	96d8694

Reviewers ⚙
No reviews

Assignees ⚙
No one—assign yourself

Labels ⚙
None yet

Projects ⚙
None yet

Milestone ⚙
No milestone

Attempt to initially merge DFS to main failed

Needs to merge dfs with the already merged master

☺

ryannav added 2 commits 31 minutes ago

| -○- | ⬡ for BFS branch | 103a964 |
| -○- | ⬡ for BFS branch | 107e592 |

Add more commits by pushing to the **dfs** branch on **ryannav/CSE-464-2023-mrnavar2**.

⑂ ⚠ **This branch has conflicts that must be resolved**
Use the command line to resolve conflicts before continuing.
Conflicting files

src/main/java/Path.java

target/classes/Path.class

`Resolve conflicts ?`

`Merge pull request ▾` You can also open this in GitHub Desktop or view command line instructions.

Fixed merge conflict and merged the DFS branch to main

Merge DFS to the Master #4

Edit | `<> Code ▾`

🔀 Merged   ryannav merged 7 commits into `master` from `dfs` 🗐 now

💬 Conversation 0 | ⟳ Commits 7 | ☑ Checks 1 | 📤 Files changed 7

+57 −7 ▪▪▪▪▪

ryannav commented 20 minutes ago   •••

No description provided.

☺

ryannav added 7 commits 1 hour ago

○ for BFS branch   103a964
○ for BFS branch   107e592
○ for DFS BRANCH TO MERGE   c43dcd6
○ for DFS BRANCH TO MERGE   4a29324
○ Merge remote-tracking branch 'origin/master' into dfs ···   e2a759b
○ Merged the files   ✗ da41409
○ Added back missing dependency   ✓ 0f2bdb7

🔀 **ryannav** merged commit **f92b4d1** into `master` now   View details | Revert
1 check passed

🔀 **Pull request successfully merged and closed**   Delete branch
You're all set—the `dfs` branch can be safely deleted.

Reviewers   ⚙
No reviews

Assignees   ⚙
No one—assign yourself

Labels   ⚙
None yet

Projects   ⚙
None yet

Milestone   ⚙
No milestone

Development   ⚙
Successfully merging this pull request may close these issues.
None yet

Notifications   Customize
🔕 Unsubscribe
You're receiving notifications because you're watching this repository.

BFS TESTS:

```
    @Test
    public void testBFS(){
        main s = new main();
        s.parseGraph( filepath: "/test1.dot");
        s.addNode( Label: "E");
        s.addEdge( srcLabel: "B", dstLabel: "E");
        s.GraphSearch(s.getNode( label: "A"),s.getNode( label: "E"), main.Algorithm.BFS);
        assertEquals( expected: "A->B->E",s.SearchtoString(s.getNode( label: "A"),s.getNode( label: "E"),main.Algorithm.BFS) );
    }

}
```

✓ Tests passed: 1 of 1 test – 356 ms

```
E:\JDK\bin\java.exe ...
Running search through BFS
A->B->E

Process finished with exit code 0
```

DFS TESTS:

Link to commits:

Added deltenode, deletenodes and deleteedge:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/ac9227ebe4a14fe4d862fa22dc37c1503a0b8e8f

Got CI working:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/c33ada4b7d2d998ae7e524949c1354a274155efb

BFS BRANCH:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/32df03409db2b8216b81de76588ca1864137fad2

DFS BRANCH:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/c43dcd6af67e0bcf7ca956a3b5324888f92b43f8

BFS MERGE:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/6ac403d138e5d6041bf98b43052196fb76235399

DFS MERGE:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/6ac403d138e5d6041bf98b43052196fb76235399

Link to master of final product:

https://github.com/ryannav/CSE-464-2023-mrnavar2/commit/ea31389eaff1b89e1676c1409696e366a1a0af5d