

Salvador Gomez

1218885590

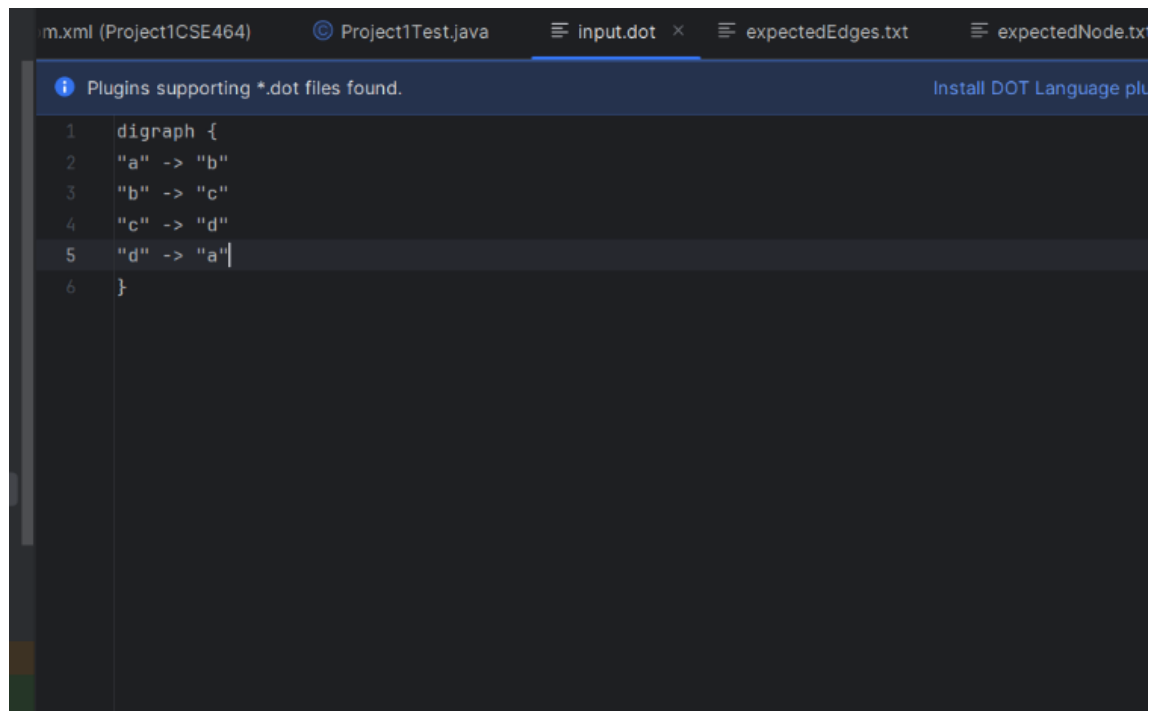
Test cases are given in test folder located in the project folder ProjectTest1 should include all the unit testing.

Github:

<https://github.com/Sgomez47-ASU/CSE464-2023-Sgomez47>

Expected outputs:

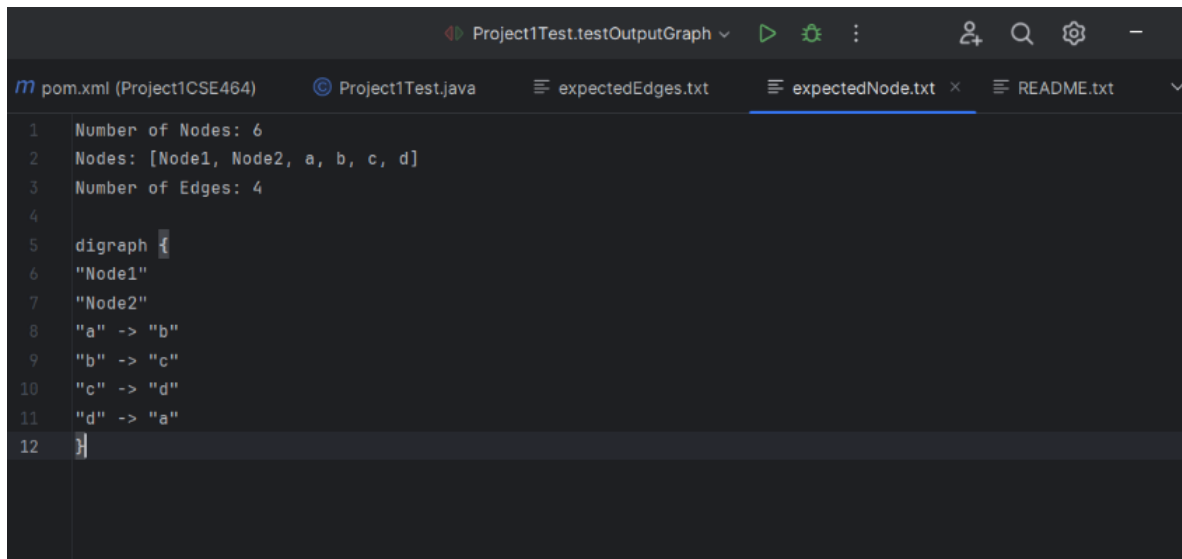
Expected for feature 4 testOuputDotGraph



The screenshot shows an IDE window with the following tabs: `m.xml (Project1CSE464)`, `Project1Test.java`, `input.dot` (active), `expectedEdges.txt`, and `expectedNode.txt`. A notification bar at the top states "Plugins supporting \*.dot files found." with a link to "Install DOT Language plu...". The active `input.dot` file contains the following code:

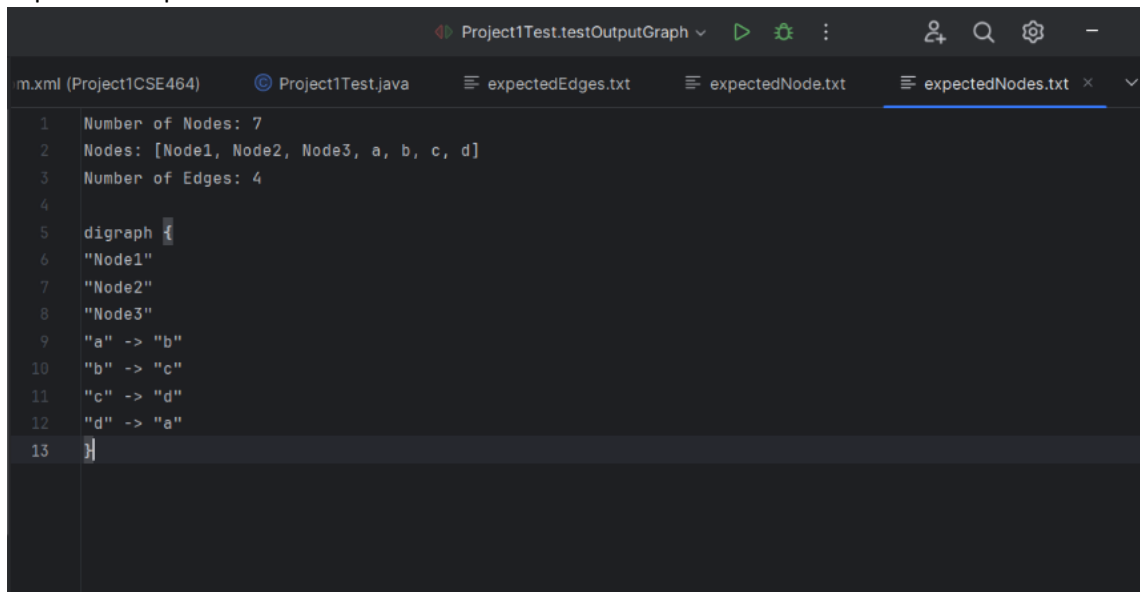
```
1 digraph {
2   "a" -> "b"
3   "b" -> "c"
4   "c" -> "d"
5   "d" -> "a"
6 }
```

Expected output or feature 2 addNode



```
Project1Test.testOutputGraph
pom.xml (Project1CSE464) Project1Test.java expectedEdges.txt expectedNode.txt x README.txt
1 Number of Nodes: 6
2 Nodes: [Node1, Node2, a, b, c, d]
3 Number of Edges: 4
4
5 digraph {
6   "Node1"
7   "Node2"
8   "a" -> "b"
9   "b" -> "c"
10  "c" -> "d"
11  "d" -> "a"
12 }
```

Expected output for feature 2 addNodes

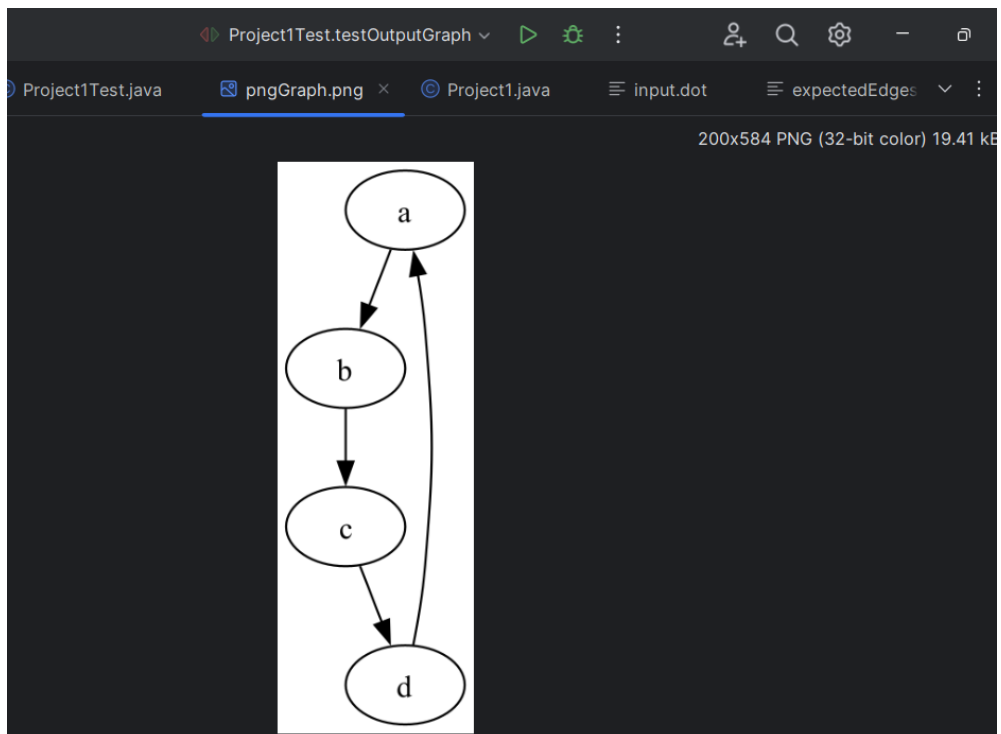


```
Project1Test.testOutputGraph
pom.xml (Project1CSE464) Project1Test.java expectedEdges.txt expectedNode.txt expectedNodes.txt x
1 Number of Nodes: 7
2 Nodes: [Node1, Node2, Node3, a, b, c, d]
3 Number of Edges: 4
4
5 digraph {
6   "Node1"
7   "Node2"
8   "Node3"
9   "a" -> "b"
10  "b" -> "c"
11  "c" -> "d"
12  "d" -> "a"
13 }
```

Expected output for feature 3 addEdge

```
Project1Test.testOutputGraph
pom.xml (Project1CSE464) Project1Test.java expectedEdges.txt README.txt Project1.java
1 Number of Nodes: 6
2 Nodes: [Node1, Node2, a, b, c, d]
3 Number of Edges: 5
4
5 digraph TD
6 "a" --> "b"
7 "b" --> "c"
8 "c" --> "d"
9 "d" --> "a"
10 "Node1" --> "Node2"
11 }
```

Expected output for feature 4 outputGraphics



## Github Commits:

### Feature 1:

<https://github.com/Sgomez47-ASU/CSE464-2023-Sgomez47/tree/13da5df15d70f137599f0d0548c08deca4fbdecf>

### Feature 2:

<https://github.com/Sgomez47-ASU/CSE464-2023-Sgomez47/tree/82dfd0cf6478be38794919aa65f49d4b758ccca6>

### Feature 3:

<https://github.com/Sgomez47-ASU/CSE464-2023-Sgomez47/tree/66fa44ecc89a2b389f3e56fd61a6584742bd2ac1>

### Feature 4:

<https://github.com/Sgomez47-ASU/CSE464-2023-Sgomez47/tree/21d75d8c94ba273ff7bbd3bed34fe07e4f2d3cc1>