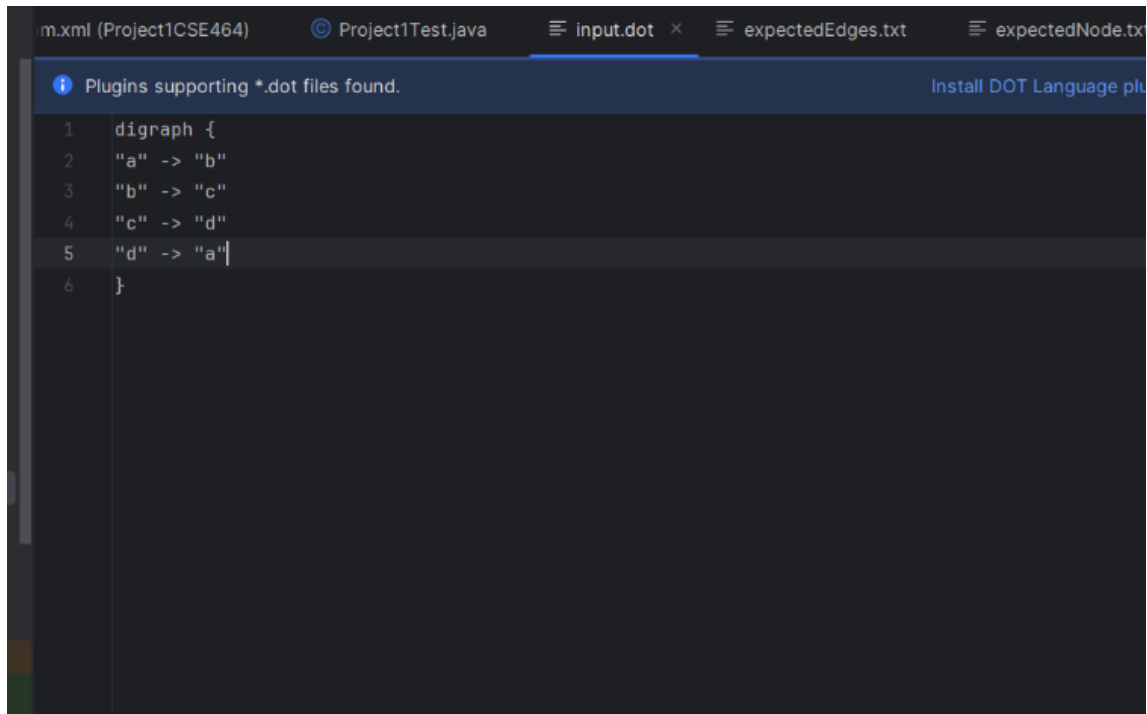


Github:

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

Expected outputs:

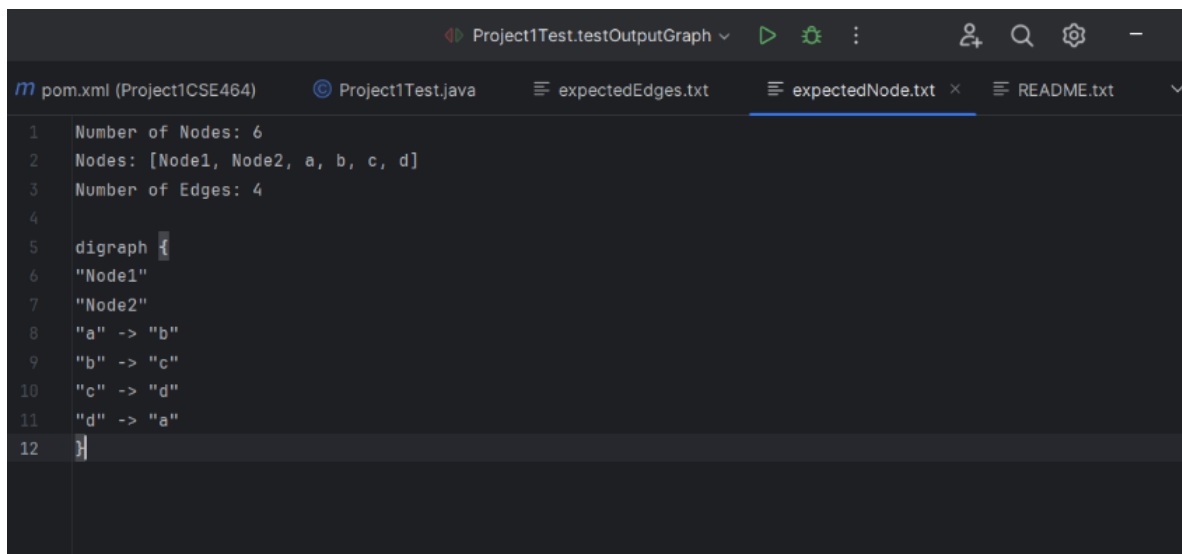
Expected for feature 4 testOutputDotGraph



The screenshot shows an IDE window with the file 'input.dot' open. The code defines a directed graph with four nodes (a, b, c, d) and four edges (a to b, b to c, c to d, and d to a). A notification bar at the top indicates that plugins supporting *.dot files have been found, with a link to 'Install DOT Language plugin'.

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

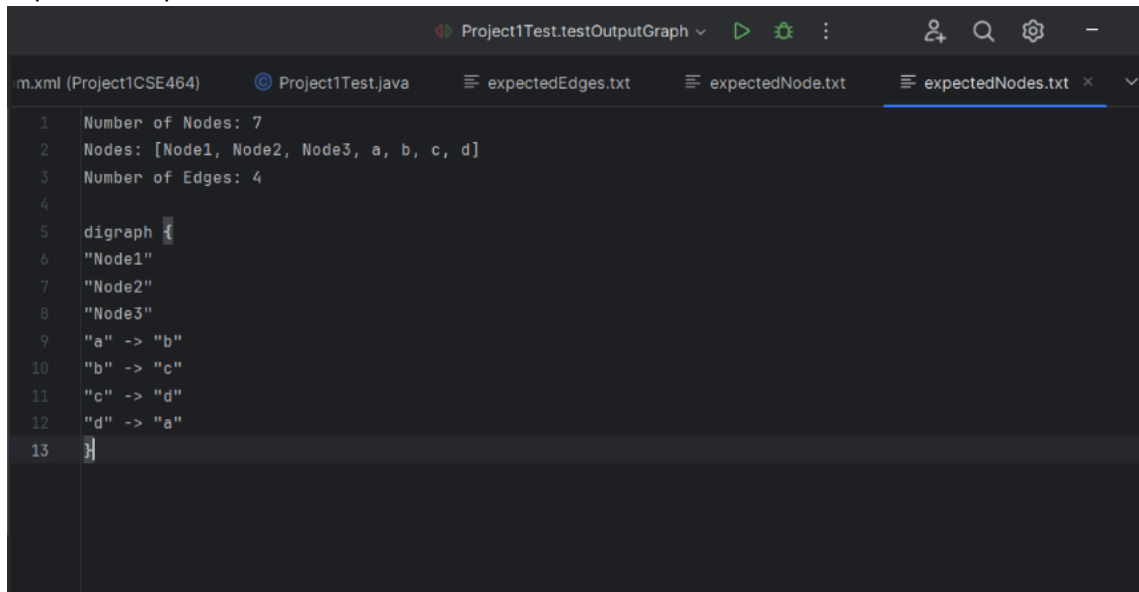
Expected output or feature 2 addNode



The screenshot shows an IDE window with the file 'expectedNode.txt' open. The output displays the number of nodes (6), the list of nodes (Node1, Node2, a, b, c, d), the number of edges (4), and the graph definition in .dot format.

```
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 }
```

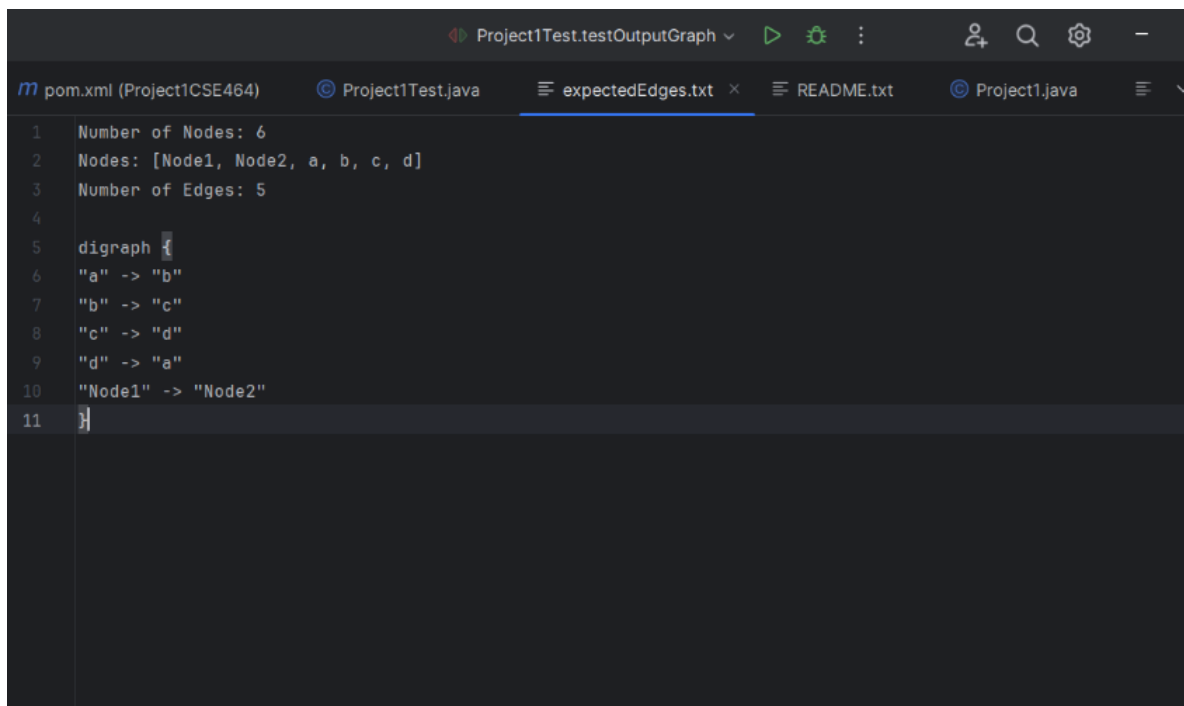
Expected output for feature 2 addNodes



The screenshot shows an IDE window with the file 'expectedNodes.txt' selected. The code is as follows:

```
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 }
```

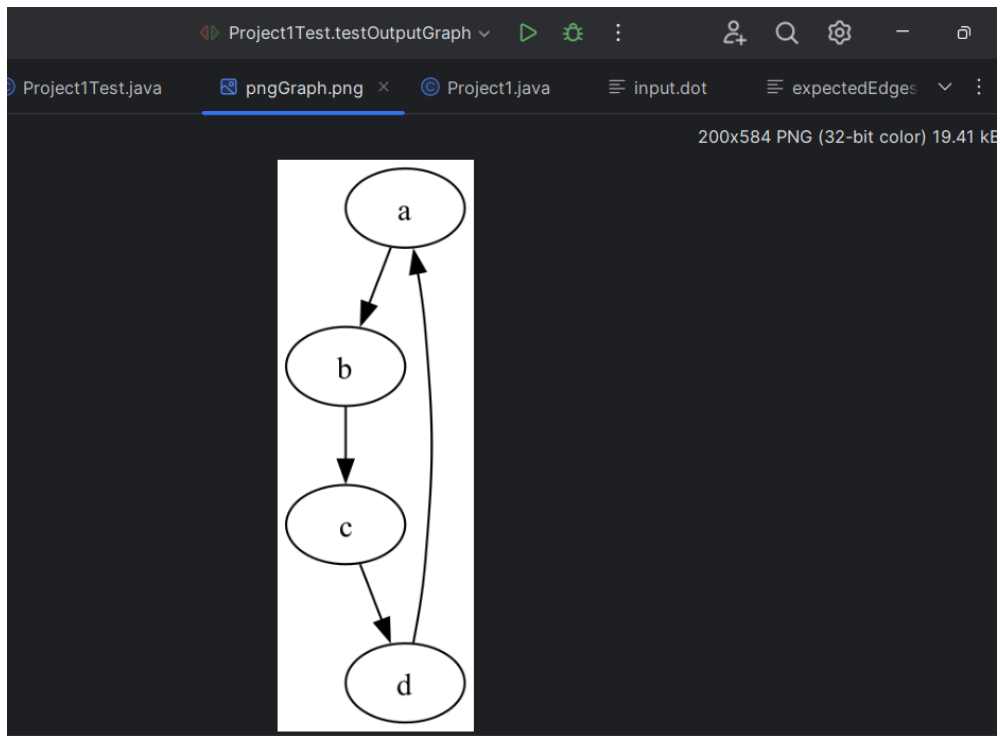
Expected output for feature 3 addEdge



The screenshot shows an IDE window with the file 'expectedEdges.txt' selected. The code is as follows:

```
1 Number of Nodes: 6
2 Nodes: [Node1, Node2, a, b, c, d]
3 Number of Edges: 5
4
5 digraph {
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>