

1 Homework 5 Changes

1.1 Change 1:

I changed my checkRep() regex in line 53 of my graph class because it wasn't checking my edges correctly. I switched it from:

```
"\\w+\\(\\w*\\)" to "[^()]+\\([^(]+\\)$"
```

which now accounts for the edge format correctly. I.e Edge(label)

1.2 Change 2:

I added a public function called printGraph() to my graph class, which prints all the nodes and their respective edges of a single graph. I added this to visually check that my createNewGraph was working.

1.3 Change 3:

In my graph addnode I removed:

```
if (!adjacencyList.containsKey(nodeData)) {  
    throw new IllegalArgumentException("nodeData already exists in the graph");  
}
```

The reason was that it broke a lot of test cases, as it threw an Illegal Argument Exception when it was not supposed to in submittity.