

```
Run TestEmployee x
/Users/maddie/Library/Java/JavaVirtualMachines/openjdk-21.0.2/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA.app/Contents/lib/idea_rt
.jar=49202:/Applications/IntelliJ IDEA.app/Contents/bin -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath
/Users/maddie/IdeaProjects/linked list assignment/out/production/linked list assignment TestEmployee
=====Print Start=====
Chris
John
Bill
Mona
Tom
=====Print End=====
Prev Node => John
Current Node => Bill
Next Node => Mona
Prev Node => John
Current Node => Bill
Next Node => Mona
=====
=====Print Start=====
Chris
John
Mona
Tom
=====Print End=====
Print Start
=====
```

```
linked list assignment Version control
Student.java StudentNode.java StudentLinkedList.java TestEmployee.java x TestGUI.java
Run TestEmployee x
=====Print Start=====
Chris
John
Mona
Tom
Bill
=====Print End=====
=====Print Start=====
Chris
Mona
Tom
Bill
=====Print End=====
=====Print Start=====
Chris
Mona
Tom
Bill
John
=====Print End=====
New/Copied list
=====Print Start=====
```

```
New/Copied list
=====Print Start=====
Chris
Mona
Tom
Bill
John
=====Print End=====
=====Print Start=====
Chris
Tom
Bill
John
=====Print End=====
Max name is: Tom
Process finished with exit code 0
linked list assignment > src > TestEmployee > main 4:44 LF UTF-8
```

```
Run TestGUI x
/Users/maddie/Library/Java/JavaVirtualMachines/openjdk-21.0.2/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA.app/Contents/lib/idea_rt.jar=49284:/Applications/IntelliJ IDEA.app/Contents/bin -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath /Users/maddie/IdeaProjects/linked list assignment/out/production/linked list assignment TestGUI
=====Print Start=====
Gabby
Vivian
McKaley
Preeti
Maddie
=====Print End=====
Prev Node => Vivian
Current Node => McKaley
Next Node => Preeti
Prev Node => Vivian
Current Node => McKaley
Next Node => Preeti
=====
=====Print Start=====
Gabby
Vivian
Preeti
Maddie
=====Print End=====
```

```
Run TestGUI x
=====Print Start=====
Gabby
Vivian
Preeti
Maddie
McKaley
=====Print End=====
=====Print Start=====
Gabby
Preeti
Maddie
McKaley
=====Print End=====
=====Print Start=====
Gabby
Preeti
Maddie
McKaley
Vivian
=====Print End=====
New/Copied list
```

```
=====Print Start=====
Gabby
Preeti
Maddie
McKaley
Vivian
=====Print End=====
=====Print Start=====
Gabby
Preeti
Maddie
McKaley
=====Print End=====
Max name is: Preeti

Process finished with exit code 0
```

Code/user creativity: I added comments to all of the methods & code that I did from scratch for this assignment (the 4 methods for this assignment, as well as for TestPeople.java). The

LinkedList used in this code, as well as few of the very basic methods (like searching, deleting, inserting) were done in class. Because they are self explanatory/did not change, I did not add commentary.

For creativity, I created a new Linked List, using the names and information of my friends. I did this to show that my code works for new linked lists, not just the one in TestEmployee.java. This gave the program new and more diverse data to work with.

Attached in this document are screenshots of TestEmployee.java and TestPeople.java being run.