Doug Fultz
Sujay Kallamadi
CMPSC470 - Compiler Construction

Group Assigned Tasks

- Required
  - Java Code
    - P1.java (Doug)
    - SymbolTable.java (Doug)
  - Test Input/Output (Sujay)
  - Project Documentation
    - Team work
      - Lessons learned
      - Roles & Responsibilities (Both)
      - Peer Evaluation (Both)
    - Test behaviour (Sujay)
      - Documentation
      - Screenshots
  - README (Doug)
- Optional
  - GitHub Repository (Doug)
    https://github.com/dougfultz/CMPSC470-Project-FultzKallamadi
  - Deliverable Document Stub (Doug)

Java Files

- Available within zip file and GitHub repository.
  https://github.com/dougfultz/CMPSC470-Project-FultzKallamadi

Test Input/Output Files

- Available within zip file and GitHub repository.
  https://github.com/dougfultz/CMPSC470-Project-FultzKallamadi

Project Documentation

Team Work

Lessons Learned

- The importance of type casting for inherited classes in Java.
- How to use HashMap, LinkedList, and ListIterator classes as built into Java, this definitely reduced the amount of time and effort required to get the code working.
- Using GitHub as a central code repository.
- The importance of syncing commits to GitHub.

Roles & Responsibilities

- See top of this document, Group Assigned Tasks section.

Peer Evaluation

- Doug Fultz (evaluated by Sujay Kallamadi)
  - Doug was very proactive on this project. He started very early and progressed through the coding for the assignment .
- Sujay Kallamadi (evaluated by Doug Fultz)
  - Sujay is committed to completing assigned tasks before group imposed deadlines. He is also willing to go back and improve on the assignment as our understandings change.

Testing Program Behaviour

- Available within zip file and GitHub repository.
  https://github.com/dougfultz/CMPSC470-Project-FultzKallamadi

README File

- Available within zip file and GitHub repository.
  https://github.com/dougfultz/CMPSC470-Project-FultzKallamadi

GitHub Commit Log

```
commit ac24694f0e48a28589903c8d5cc017f2537401ae
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Tue Sep 15 22:37:31 2015 -0400

    Added deliverable document and moved originals to a different
location.

commit 54ee464e3e6b62dd41ec07164204d33cc7634d34
Author: sujaygreat <username276@gmail.com>
Date:   Tue Sep 15 19:31:31 2015 -0400

    testOutput 1-3 added

commit 8d28968b9876ada0f4fd84d6605ecc836e4a829d
Author: sujaygreat <username276@gmail.com>
Date:   Tue Sep 15 19:24:52 2015 -0400

    Update testInput

    Added a description and the text input/output

commit ddf7704b98b5853fcb10d053fbdae3395b0ca339
Author: sujaygreat <username276@gmail.com>
Date:   Tue Sep 15 19:10:21 2015 -0400

    Input Screenshots and Descriptions

    Added testInput 2 and 3 information, including the descriptions
in text
    format and added their screenshots.

    UPDATED original screenshot name

commit 666d79e88a4eb5e485e479587af489cf14c04bd7
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 20:45:40 2015 -0400

    Updated cache instruction in README.md
```

```
commit cc565e4bce6c3d09936c79d4d96b6341ba34a339
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 20:42:42 2015 -0400

    Included cache credentials in README.md

commit a1e3548e4f00e87ca503fb664f5aca85e2a9e9ec
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 20:32:17 2015 -0400

    Added additional notes to README.md

commit 4bb06efce2e0f167faa849f89d64a7cf9a7b6805
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 19:38:52 2015 -0400

    Fixed comment with names

commit 0427ce8c955df9a7a29bd9c558626eee21832c00
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 14:51:02 2015 -0400

    Added names to begining of *.java files

commit 931f6647de2788053d33e6df1c503523c5b433b4
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 14:32:45 2015 -0400

    Completed toString and dump functions in SymbolTable.java

commit 2b8f54acf4da010fbbcefbd58fe9c6106730ca5c
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 13:44:35 2015 -0400

    Added string for EmptySTException and added exception handling
during insert in P1.java.  Completed constructor, openScope,
closeScope, insert, localLookup, and globalLookup functions in
SymbolTable.java.

commit 7586f3d81bd4a2adc624fdf7ccd6f12fbcfb69fd
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Mon Sep 7 10:08:49 2015 -0400
```

Added output similar to example for loookup and global lookup in
P1.java

commit d097e79f77f5cb2f7941753e0e095673281724a0
Author: dougfultz <dougfultz@users.noreply.github.com>
Date: Mon Sep 7 09:14:14 2015 -0400

        Corrected typecasting error and null pointer exception in lookup
and global lookup in P1.java

commit 9b271d8c01da86ba498609a14c5b8f70f84381b3
Author: dougfultz <dougfultz@users.noreply.github.com>
Date: Sun Sep 6 20:08:17 2015 -0400

        Completed commands for open, close, quit, dump, insert, in
P1.java. Mostly completed commands lookup and global in P1.java.
Properly commented Symb.java

commit 82a5a688be4f84b739a7772afa267f36b55fc733
Author: dougfultz <dougfultz@users.noreply.github.com>
Date: Sun Sep 6 13:20:40 2015 -0400

        Added interactive look and switch stubs

commit 7ec378c8a6e4be24a081b5782c0949679ca2731b
Author: dougfultz <dougfultz@users.noreply.github.com>
Date: Sun Sep 6 12:58:35 2015 -0400

        Corrected error with README.md

commit cde8c455b236cd2cfa55e1661742fb9152a47b3f
Author: dougfultz <dougfultz@users.noreply.github.com>
Date: Sun Sep 6 12:57:03 2015 -0400

        Added names to README.md

commit c2dd17220c2d6371b3035f33320e60e0aa321391
Author: dougfultz <dougfultz@users.noreply.github.com>
Date: Sun Sep 6 12:50:40 2015 -0400

        Added README.md, set .gitignore to ignore *.class files, started
work on P1.java

```
commit cf4a20c49d677bf7d915239f2397db86f1733b4d
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Sat Sep 5 20:42:07 2015 -0400

    Cleaned up formatting of code and added function descriptions
from the assignment instructions.

commit 1aab9819b0ed13fc7b9468450f505be13acd2c0a
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Sat Sep 5 13:26:18 2015 -0400

    Program 1 - Original Files

    Original files downloaded from ANGEL

commit a2debeb07302ff1d5852f6e67d67e3d152a035ce
Author: dougfultz <dougfultz@users.noreply.github.com>
Date:   Sat Sep 5 13:25:27 2015 -0400

    :circus_tent: Added .gitattributes & .gitignore files
```