

CS 373S P9: Parallelizing Sequential Streaming Applications

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Running the Program

The program can be compiled and run using the following command from the `filippone-bell` directory:

```
$ ./run.sh
```

This compiles the `.java` files and runs the unit tests located in `filippone-bell/tests/gamma` directory.

Gamma Tests

The tests for the gamma HJOIN can be found in the `tests/gamma/TestGammaHJoin.java` file. These tests run a gamma HJOIN on the specified tables and join keys. The results for each join are output to separate files that can be found in the `tests/results` directory.

Notes

In the `tests/gamma/TestGammaHJoin.java` tests, the output files are seen in a different order than the expected/correct output. We believe that this is still correct as all of the individual tuples contain the same data as expected.

In addition, these tests are run with the `RegTest.Utility.validate()` function with the last argument set to `true`. This ignores the order of the lines of output when comparing to the expected output, and allows the tests to pass.