ATCS – Compilers and Interpreters (Peer Review Sheet)

Name   _____ Reviewed by   _____

Date   _____ Period _____ Total _____/<u>100</u>

Scanner Lab : Focus : Check that the input file is tokenized correctly according to specifications.

Description of check to be performed.	Points/Possible Points
Scanner Class : Comments include name, date and summary using JavaDoc Standards.	____ / 8
All method have Javadoc headers including parameters, returns, pre and post conditions and description and it all makes sense.	____ / 8
Has a package structure with a `scanner` package.	____ / 8
Naming convention is followed: package names are in lower camel case and Class names in upper camel case.	____ / 8
The current char is stored in an instance variable and is not passed to methods unnecessarily.	____ / 5
Scanner works well <=, >=, <> and := are returned as a single token.	____ / 8
A period (.) signifies end of file and returns an "EOF" token similar to when EOF is reached. The `hasNext()` method returns false at EOF.	____ / 6
Handles Comments – Single line **(mandatory),** multi-line, nested – Circle the appropriate one	____ / 8
Code is structured well, has modularity, does not repeat blocks of code unnecessarily.	____ / 8

Testing : Works well and tokenizes scannerTest and scannerTestAdvanced well.
      Throws a ScanErrorException on encountering a $, ^ or any other unrecognized character.
      Works well after removing the line with the unknown character
      Works well after commenting out the line with the unknown character
	____/25

Notebook entries – To be checked off by teacher	____ / 8