This was a quite substantial project. It was a pleasure to see that most of you have done pretty well. Some grading clarifications and common observations are noted below:

1. There were 12 provided test cases. The first 8 were worth 60% and the last 4 were weighted as 40%. The last 4 were test cases involving Hash Joins.

2. There are a few of you who passed all test cases but the full grade was not awarded. The reason was that your implementation of Hash Join was incorrect. There was a line in your Project 3 handout that says, “In the specific case of the Hash-Join, you must follow the guidelines in this handout – iterating through the HashIndexes bucket by bucket – to be awarded the full credits. To validate this, we will manually inspect your submission.”

3. The most common errors were with the implementation of Hash Join even though many have done it perfectly. The basic idea was to go bucket by bucket to have the join optimized.

4. Overall, we were pleased to see many have done a great job.