Problem 1

1. Here is the screenshot of the solution SQL and query result for problem 1-a.

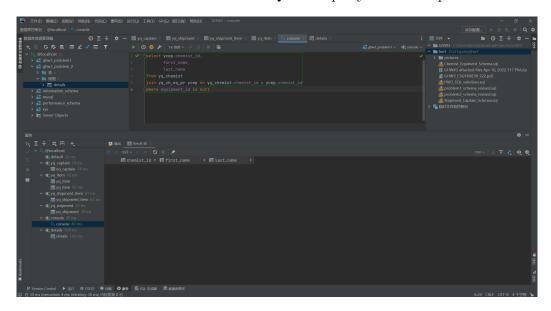


Figure 1. Screenshot for problem 1-a.

2. Here is the screenshot of the solution SQL and query result for problem 1-b.

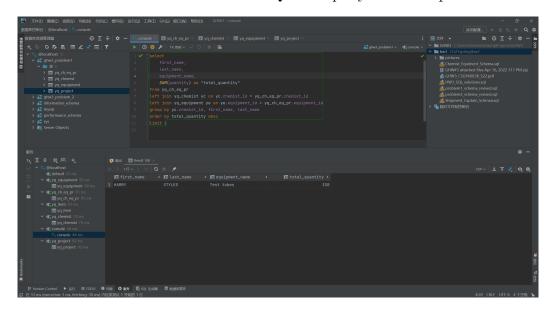


Figure 2. Screenshot for problem 1-b.

3. Here is the screenshot of the solution SQL and query result for problem 1-c.

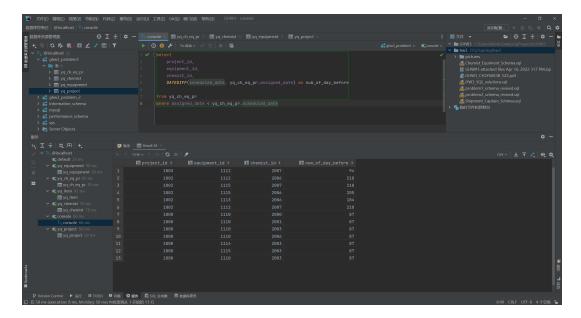


Figure 3. Screenshot for problem 1-c.

4. Here is the screenshot of the solution SQL and query result for problem 1-d.

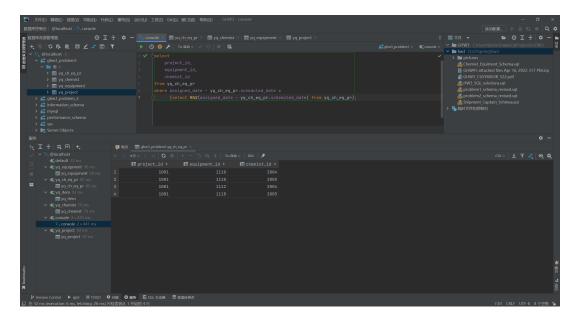


Figure 4. Screenshot for problem 1-d.

5. Here is the screenshot of the solution SQL and query result for problem 1-e.

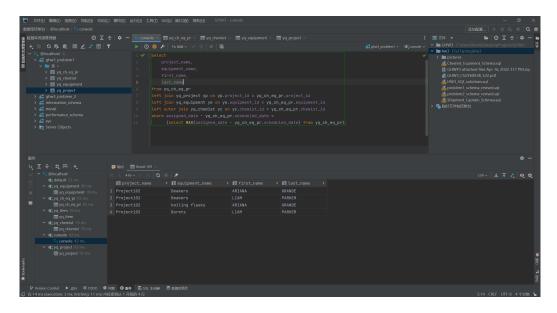


Figure 5. Screenshot for problem 1-e.

Problem 2

1. Here is the screenshot of the solution SQL and query result for problem 2-a.

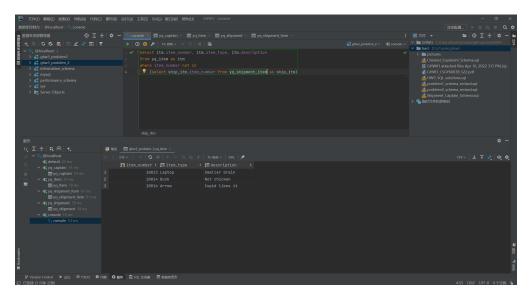


Figure 6. Screenshot for problem 2-a.

2. Here is the screenshots of the solution SQL and query result for problem 2-b. Please check the full result charts in multiple pictures.

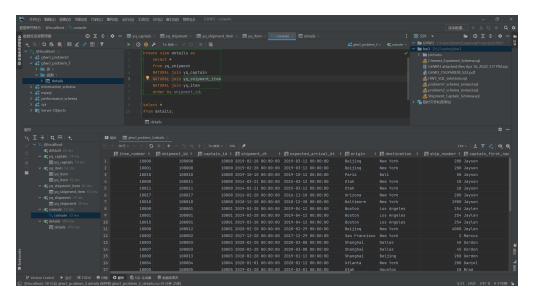


Figure 7. Screenshot for problem 2-b.

Homework 3

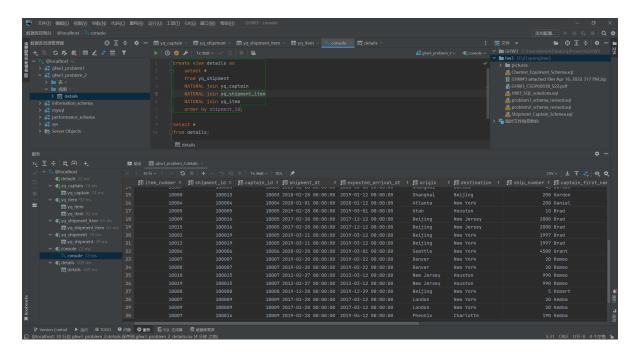


Figure 8. Screenshot for problem 2-b.

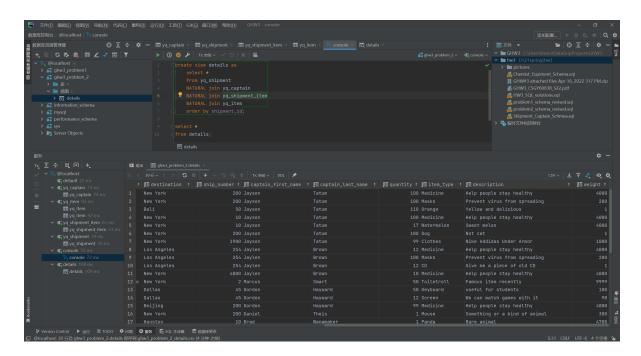


Figure 9. Screenshot for problem 2-b.

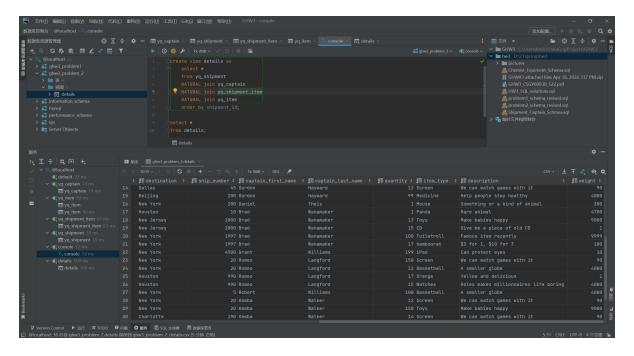


Figure 10. Screenshot for problem 2-b.

3. Here is the screenshot of the solution SQL and query result for problem 2-c.

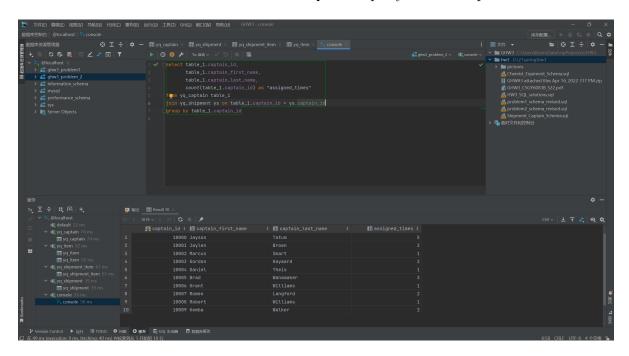


Figure 11. Screenshot for problem 2-c.

4. Here is the screenshot of the solution SQL and query result for problem 2-d.

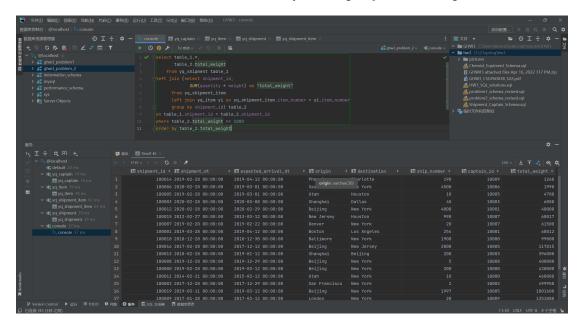


Figure 12. Screenshot for problem 2-d.

5. Here is the screenshot of the solution SQL and query result for problem 2-e.

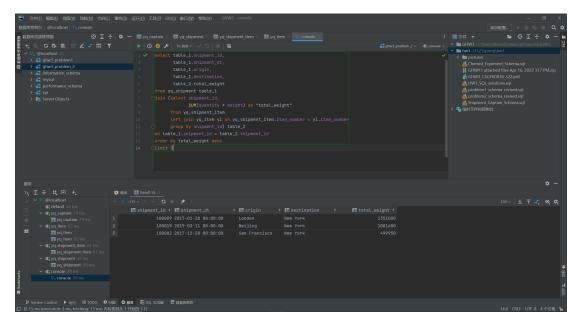


Figure 13. Screenshot for problem 2-e.