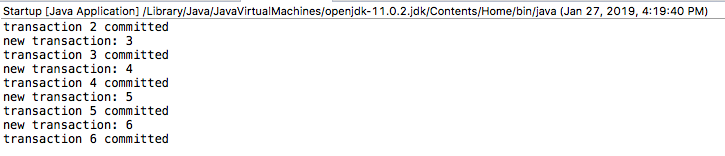
Homework 2

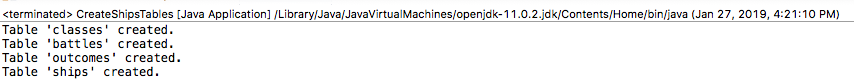
1.

2.

ShipsDB Creation Server Output



ShipsDB Creation Client Output



3.

1. select SId, Sname from student;
   1. Gets all of the Id’s and names corresponding to them from the student table in numerical order in respect to the SId
2. select EId from section, enroll;
   1. Gets all of the Eid’s from the section and then enroll. Section is the inner loop
3. select EId from enroll, section;
   1. Gets all of the Eid’s from the enroll table. Enroll is the inner loop.
4. select Title, SectId from course, section where CId=CourseId and Prof='turing';
   1. Gets the title and section Id from tables course and section where the professor is named “turing” and the course ID of the course table is equal to the course ID from the section table
5. select SName,GradYear from student, dept where MajorId = DId and DId=20;
   1. Gets the graduation year and names of the students whose majorId from the student table is equal to the department ID in the department table, and the department ID is equal to 20.
6. select SName,GradYear from student, dept where MajorId = 20;
   1. The results are not the same as the query above. Each student that showed up only once in the previous query now shows up 3 times. This is because there is an entry in both the student and department tables with different values but the same names.