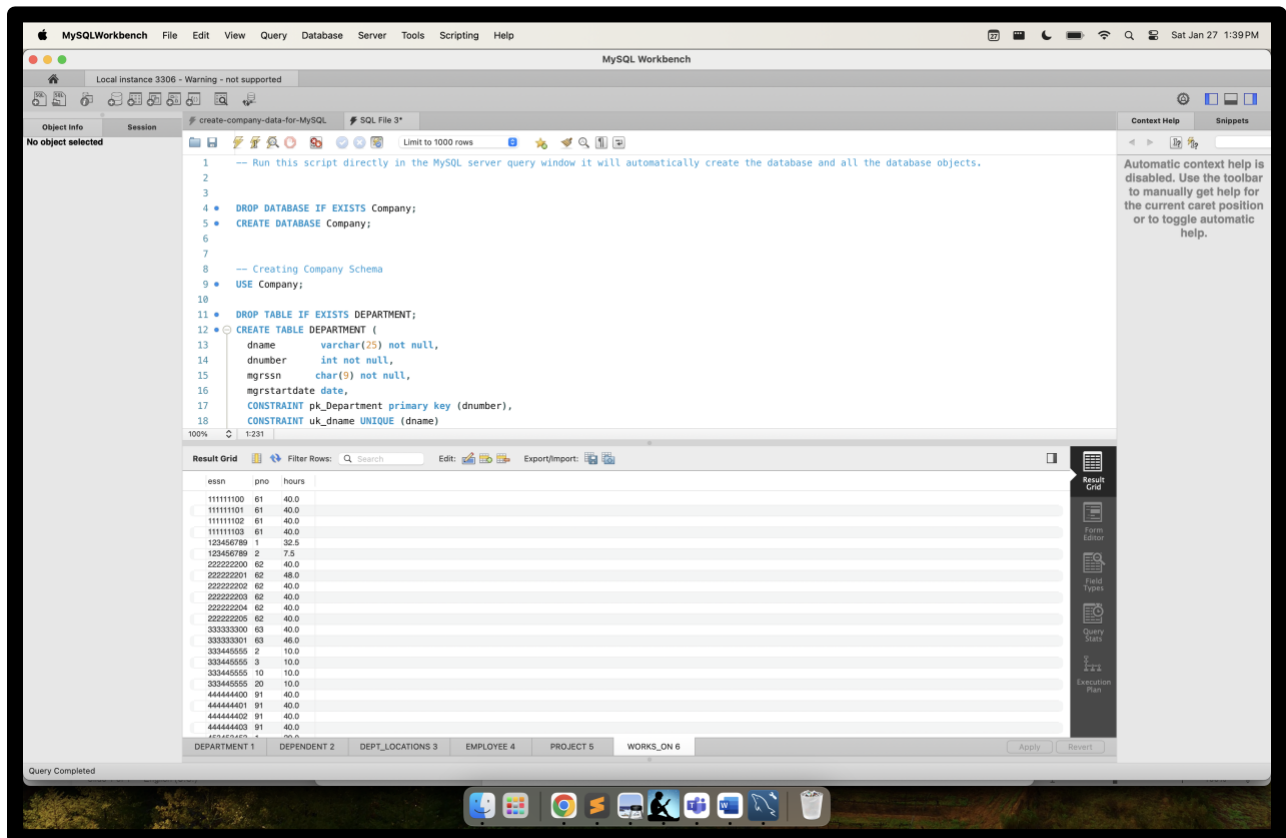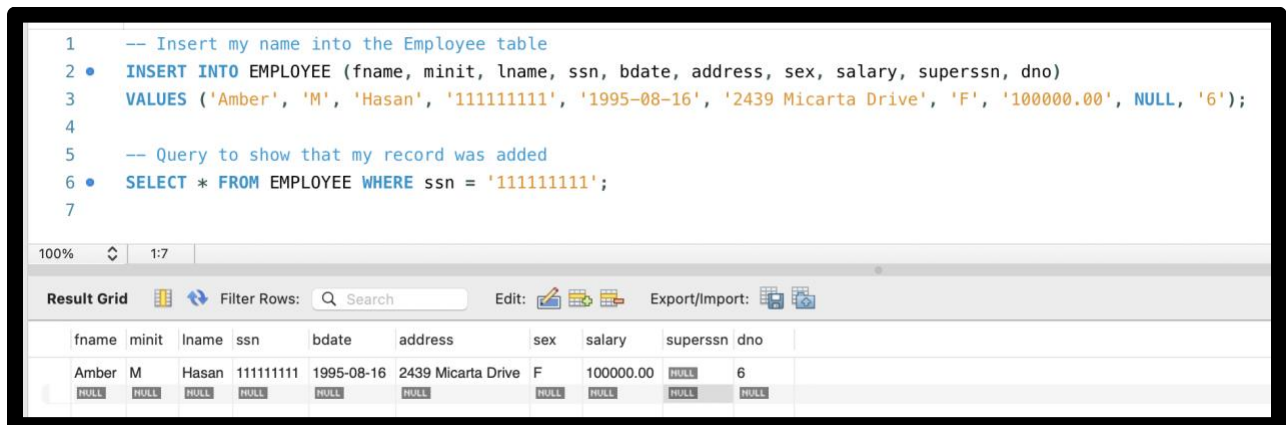Amber Hasan amh130430
Assignment 1

1. Screen showing connectivity to the Company database, including the list of tables

2. Inserted myself into the EMPLOYEE table SSN 111111111 and department 6.

3. Updated my employee record to show 111111100 as my supervisor

```
8       -- Update my supervisor
9   •   UPDATE EMPLOYEE
10      SET superssn = '111111100'
11      WHERE ssn = '111111111';
12
13      -- Query to show only my record
14  •   SELECT * FROM EMPLOYEE WHERE ssn = '111111111';
```

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Result Grid | Filter Rows: Q Search   Edit: ✎ 🗊 🗊   Export/Import: 🖫 🖫

fname	minit	lname	ssn	bdate	address	sex	salary	superssn	dno
Amber	M	Hasan	111111111	1995-08-16	2439 Micarta Drive	F	100000.00	111111100	6
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

4. Show all employees who work for Jared D. James and Evan E. Wallis.

```
16      -- Query to show all employees who work for either supervisor Jared D. James or Evan E. Wallis
17  •   SELECT
18          E1.fname AS "Employee First Name",
19          E1.lname AS "Employee Last Name",
20          E1.ssn AS "Employee SSN",
21          E1.salary AS "Employee Salary",
22          E1.dno AS "Department Number",
23          E2.fname AS "Supervisor First Name",
24          E2.lname AS "Supervisor Last Name"
25      FROM EMPLOYEE E1
26      JOIN EMPLOYEE E2 ON E1.superssn = E2.ssn
27      WHERE E2.lname = 'James' AND E2.fname = 'Jared'
28          OR E2.lname = 'Wallis' AND E2.fname = 'Evan';
29
```

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Result Grid | Filter Rows: Q Search   Export: 🖫

Employee First Name	Employee Last Name	Employee SSN	Employee Salary	Department Num...	Supervisor First Na...	Supervisor Last Na...
Jon	Jones	111111101	45000.00	6	Jared	James
Justin	Mark	111111102	40000.00	6	Jared	James
Brad	Knight	111111103	44000.00	6	Jared	James
Amber	Hasan	111111111	100000.00	6	Jared	James
Josh	Zell	222222201	56000.00	7	Evan	Wallis
Andy	Vile	222222202	53000.00	7	Evan	Wallis
Tom	Brand	222222203	62500.00	7	Evan	Wallis

5. Show all fields for all employees who make more than $50,000 per year, who are over 30
   years old, and who live in Wisconsin (state abbreviation WI.)

```
30      -- Query to retrieve all fields for employees who meet specific criteria:
31      -- 1. Make more than $50,000 per year.
32      -- 2. Are over 30 years old.
33      -- 3. Live in Wisconsin (state abbreviation WI).
34 •    SELECT *
35      FROM EMPLOYEE
36      WHERE salary > 50000.00
37        AND TIMESTAMPDIFF(YEAR, bdate, CURDATE()) > 30
38        AND address LIKE '%, WI%';
39
```

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Result Grid | Filter Rows: Q Search | Edit: | Export/Import:

fname	minit	lname	ssn	bdate	address	sex	salary	superssn	dno
Evan	E	Wallis	222222200	1958-01-16	134 Pelham, Milwaukee, WI	M	92000.00	NULL	7
Josh	U	Zell	222222201	1954-05-22	266 McGrady, Milwaukee, WI	M	56000.00	222222200	7
Andy	C	Vile	222222202	1944-06-21	1967 Jordan, Milwaukee, WI	M	53000.00	222222200	7
Tom	G	Brand	222222203	1966-12-16	112 Third St, Milwaukee, WI	M	62500.00	222222200	7
Jenny	F	Vos	222222204	1967-11-11	263 Mayberry, Milwaukee, WI	F	61000.00	222222201	7
Alex	D	Freed	444444400	1950-10-09	4333 Pillsbury, Milwaukee, WI	M	89000.00	NULL	7
Bonnie	S	Bays	444444401	1956-06-19	111 Hollow, Milwaukee, WI	F	70000.00	444444400	7
Alec	C	Best	444444402	1966-06-18	233 Solid, Milwaukee, WI	M	60000.00	444444400	7