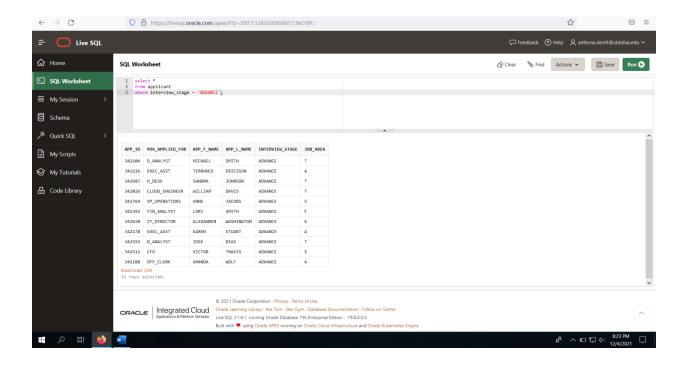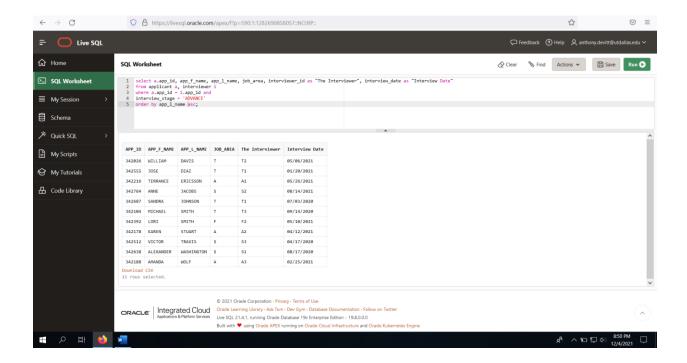Anthony Devitt

ITSS 4300.002

Milestone 5

1) This query returns every job applicant who has advanced in the interview process.
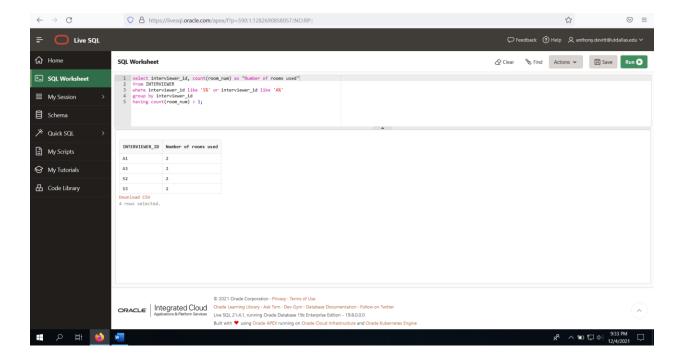

2) This query returns who interviewed the applicants that advanced in the process. This query joins the APPLICANT and INTERVIEWER tables and displays the attribute 'interviewer_id' as "The Interviewer". In addition, the query gets the Interview date and renames it as such. The results order are in alphabetical ascending order by the applicants last name.

```
1  select a.app_id, app_f_name, app_l_name, job_area, interviewer_id as "The Interviewer", interview_date as "Interview Date"
2  from applicant a, interviewer i
3  where a.app_id = i.app_id and
4  interview_stage = 'ADVANCE'
5  order by app_l_name asc;
```

APP_ID	APP_F_NAME	APP_L_NAME	JOB_AREA	The Interviewer	Interview Date
342026	WILLIAM	DAVIS	T	T2	05/06/2021
342555	JOSE	DIAZ	T	T1	01/20/2021
342216	TERRANCE	ERICSSON	A	A1	05/26/2021
342764	ANNE	JACOBS	S	S2	08/14/2021
342687	SANDRA	JOHNSON	T	T1	07/03/2020
342104	MICHAEL	SMITH	T	T3	09/14/2020
342392	LORI	SMITH	F	F2	05/10/2021
342178	KAREN	STUART	A	A2	04/12/2021
342512	VICTOR	TRAVIS	S	S3	04/17/2020
342638	ALEXANDER	WASHINGTON	S	S1	08/17/2020
342188	AMANDA	WOLF	A	A3	02/25/2021

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11 rows selected.

3) This statement updates the number of tech certifications to 4, and years' experience to 7, for applicant #342555. Apparently, the data was input incorrectly. An update was needed.


```
1  UPDATE TECH
2  SET tech_certs = 4, years_exp = 7
3  WHERE app_id = 342555
```

1 row(s) updated.

4) This query shows how many different rooms interviewers from the administrative, and senior management, departments used while interviewing applicants. I wanted to know how many times interviewers from these 2 departments have used more than one room to interview. I believe using more than one room is redundant. The query uses GROUP BY and HAVING statements.

5) This query returns every applicant who did not interview for a position in the Financial department. The query uses a sub-query to access which applicants did apply for a financial position. It returns all applicants from Tech, Senior Management, and the Administrative departments in order by the applicants last name. In addition, I combined the applicants last and first name to create a new column called "Applicant".

Live SQL

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```
1  select app_l_name || ', ' || app_f_name as "Applicant", app_id, job_area
2  from APPLICANT
3  where app_id not in(select app_id from FINANCIAL)
4  ORDER BY app_l_name;
```

Applicant	APP_ID	JOB_AREA
ANDERSON, MICHAEL	342009	T
DAVIS, WILLIAM	342026	T
DIAZ, JOSE	342555	T
ERICSSON, TERRANCE	342216	A
JACOBS, ANNE	342764	S
JOHNSON, SANDRA	342687	T
JOHNSON, NICHOLAS	342902	A
MURPHY, DEBRA	342333	A
SMITH, MICHAEL	342104	T
STEVENSON, BRADLEY	342548	S
STUART, KAREN	342178	A
TRAVIS, VICTOR	342512	S
WASHINGTON, ALEXANDER	342638	S
WOLF, AMANDA	342188	A
YANG, HAROLD	342834	S

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15 rows selected.

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