/\* Tam, Vincent -- CS5200, Fall 2022 \*/

/\* Q1 \*/

SELECT DISTINCT COUNT(\*) FROM Worker WHERE salary >= 250000;

/\* Q2 \*/

SELECT Worker.last\_name,Title.WORKER\_TITLE, Worker.department FROM Worker INNER JOIN Title ON Worker.WORKER\_ID = Title.WORKER\_REF\_ID Where Worker.salary < (SELECT AVG(salary) FROM Worker);

/\* Q3 \*/

SELECT DISTINCT department, AVG(salary) OVER(partition by department) AvgSal, COUNT(\*) OVER(partition By department) Num FROM Worker;

/\* Q4 \*/

SELECT Worker.FIRST\_NAME, Worker.LAST\_NAME, Title.worker\_title, ROUND((IFNULL(Bonus.BONUS\_AMOUNT,0) + Worker.salary)/12, 0) AS MonthlyComp from Worker inner join Title on Worker.worker\_id = Title.WORKER\_REF\_ID full join Bonus on Worker.WORKER\_ID = Bonus.WORKER\_REF\_ID;

/\* Q5 \*/

SELECT UPPER(Worker.first\_name) As FirstName, UPPER(Worker.last\_name) AS LastName FROM Worker full join Bonus On Worker.WORKER\_ID = Bonus.WORKER\_REF\_ID WHERE Bonus.bonus\_amount ISNULL;

/\* Q6 \*/

SELECT \* FROM Worker INNER JOIN Title ON Worker.WORKER\_ID = Title.worker\_ref\_id WHERE Title.worker\_title LIKE "%Manager%";