JOHN EMMANUEL P. DE GUZMAN

ASSIGNMENT NO.1

--1) Select the employee in department 30.

SELECT first\_name, last\_name, department\_id

FROM EMPLOYEES

WHERE department\_id = 30

--2) List the names, numbers and department of all clerks.

SELECT first\_name, last\_name, phone\_number, job\_id, department\_id

FROM EMPLOYEES

WHERE job\_id LIKE '%CLERK'

--3) Find the depart numbers and the name of employee of all dept with Deptno greater or equal to 20.

SELECT first\_name, last\_name, department\_id

FROM EMPLOYEES

WHERE department\_id >= 20

--4) Find the employees whose commission is greater than their salary.

SELECT first\_name, last\_name, commission\_pct, salary

FROM EMPLOYEES

WHERE (commission\_pct \* salary) > salary

--5) Find the employees whose commission is greater than 60 percent of their salary.

SELECT first\_name, last\_name, commission\_pct, salary

FROM EMPLOYEES

WHERE (commission\_pct \* salary) > (salary \* 0.6)

--6) Find the employee whose commission is greater than 50 percent of their salary.

SELECT first\_name, last\_name, commission\_pct, salary

FROM EMPLOYEES

WHERE (commission\_pct \* salary) > (salary \* 0.5)

--7) List the name, job and salary of all employees in dept 20 who earn more than 2000.

SELECT first\_name, last\_name, salary, department\_id

FROM EMPLOYEES

WHERE department\_id = 20 AND salary > 2000

--8) Find all salesmen in dept 30 whose salary is greater than or equal to Rs. 1500.

SELECT first\_name, last\_name , department\_id, salary

FROM EMPLOYEES

WHERE department\_id = 30 AND salary >= 1500

--9) Find all the employees whose job is either a president or manager.

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%MGR' OR job\_id LIKE '%PRES'

--10) Find all managers who are not in dept 30.

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%MGR' AND department\_id <> 30

--11) Find the details of all managers and clerks in dept 10.

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%MGR' OR job\_id LIKE '%CLERK' AND department\_id = 10

--12) Find the details of all manager (in any dept) and all clerks in dept 10

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%MGR' OR job\_id LIKE '%CLERK' AND department\_id = 10

--13) Find the details of all managers in dept 10 and all clerks in dept 20.

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%MGR' AND department\_id = 10 OR job\_id LIKE '%CLERK' AND department\_id = 20

--14) Find the details of all the manager in dept 10, all clerk in dept 20

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%MGR' AND department\_id = 10 OR job\_id LIKE '%CLERK' AND department\_id = 20

--15) And all employees who are neither clerks nor manager but whose salary is greater than or equal to Rs. 2000.

SELECT \*

FROM EMPLOYEES

WHERE department\_id IN (10, 20) AND salary >= 2000 AND NOT job\_id LIKE '%MGR' AND NOT job\_id LIKE '%CLERK'

--16) Find the names of everyone in deptno 20 who is neither a clerk nor a Manager.

SELECT \*

FROM EMPLOYEES

WHERE department\_id = 20 AND NOT job\_id LIKE '%MGR' AND NOT job\_id LIKE '%CLERK'

--17) Find the employees who earns between Rs. 1200 and Rs.1400.

SELECT \*

FROM EMPLOYEES

WHERE salary IN (1200, 1400)

--18) Find the employees who are clerks, analysts or salesman.

SELECT \*

FROM EMPLOYEES

WHERE job\_id LIKE '%CLERK' OR job\_id LIKE '%ANALYST' OR job\_id LIKE '%SA\_MAN'

--19) Find the employees who are not clerks, analyst or salesman.

SELECT \*

FROM EMPLOYEES

WHERE NOT job\_id LIKE '%CLERK' OR job\_id LIKE '%ANALYST' OR job\_id LIKE '%SA\_MAN'

--20) Find the employees who do not receive a commission.

SELECT \*

FROM EMPLOYEES

WHERE commission\_pct IS NULL

--21) Find the employee whose commission is Rs. 0.

SELECT \*

FROM EMPLOYEES

WHERE commission\_pct = 0

--22) Find the different jobs of the employees receiving commission.

SELECT \*

FROM EMPLOYEES

WHERE commission\_pct <> 0

--23) Find all employees who do not receive a commission or whose Commission is less than 0.1 .

SELECT \*

FROM EMPLOYEES

WHERE commission\_pct IS NULL OR commission\_pct < 0.1

--If all employees not receiving commission are entailed to Rs. 250, Show the net earnings of all employees.

SELECT first\_name, last\_name, || ' +250 ' || salary AS "My Data"

FROM EMPLOYEES

WHERE commission\_pct IS NULL OR commission\_pct < 0.1

--24) Find all employees whose total earnings are greater than Rs. 2000.

SELECT \*

FROM EMPLOYEES

WHERE (nvl(commission\_pct,0)\*salary)+salary > 2000

--25) Find all employees whose names begin with m.

SELECT first\_name, last\_name

FROM EMPLOYEES

WHERE first\_name LIKE 'M%'

--26) Find all employees whose names end with m.

SELECT first\_name, last\_name

FROM EMPLOYEES

WHERE last\_name LIKE '%m'

--27) Find all employees whose names contain the letter m in any case.

SELECT first\_name

FROM EMPLOYEES

WHERE LOWER (first\_name) LIKE '%m%'

--28) Find the employees whose names are 5 characters long and end with n.

SELECT first\_name

FROM EMPLOYEES

WHERE first\_name LIKE '\_\_\_\_n%'

--29) Find the employees who have the letter r as the third letter in their name.

SELECT first\_name

FROM EMPLOYEES

WHERE first\_name LIKE '\_\_r%'

--30) Find all employees hired in month of February (of any year).

SELECT first\_name, last\_name, hire\_date

FROM EMPLOYEES

WHERE hire\_date LIKE '%FEB%'

--31) Find all employees who were hired on the last day of the month.

SELECT first\_name, last\_name, hire\_date

FROM EMPLOYEES

WHERE hire\_date=last\_day(hire\_date)

--32) Find the employees who were hired more than 12 years ago.

SELECT \*

FROM EMPLOYEES

--33) Find the managers hired in the year 1981.

SELECT \*

FROM EMPLOYEES

--34) Display the names and the jobs of all employees, separated by a','.

SELECT \*

FROM EMPLOYEES

--35) Display the names of all employees with the initial letter only in capitals.

SELECT initcap(first\_name)

FROM EMPLOYEES;

SELECT initcap(first\_name||' '||last\_name)

FROM EMPLOYEES;

--36) Display the length of the name of all employees.

SELECT first\_name, last\_name, LENGTH(first\_name)+LENGTH(last\_name)

FROM EMPLOYEES

--37) Show the first three characters of the names of all employees.

SELECT SUBSTR (first\_name,1,3)

FROM EMPLOYEES

--38) Show the last three characters of the names of all employees.

SELECT REVERSE(SUBSTR(REVERSE(first\_name),1,3))

FROM EMPLOYEES

--39) Display the names of all employees with any 'a'.

SELECT first\_name

FROM EMPLOYEES

WHERE first\_name LIKE '%a%'

--40) Display the names of all employees and the position at which the string 'ar' occurs in the name.

SELECT \*

FROM EMPLOYEES

--41) Show the salary of all employees rounding it to the nearest Rs. 1000.

SELECT salary,ceilsalary/1000)\*1000

FROM EMPLOYEES

--42) Show the salary of all employees ignoring fractions ,less than Rs.1000.

SELECT TRUNC(salary)

FROM EMPLOYEES

WHERE salary < 1000

--43) Display the details of all employees, sorted on the names.

SELECT \*

FROM EMPLOYEES ORDER BY first\_name

--44) Display the name of all employees, based on their tenure, with the oldest employee coming first.

SELECT first\_name,last\_name,hire\_date

FROM EMPLOYEES ORDER BY hire\_date

--45) Display the names, job and salary of all employees sorted on jobs and Salary.

SELECT first\_name,last\_name,job\_id,salary

FROM EMPLOYEES ORDER BY salary,job\_id

--46) Display the names, job and salary of all employees, sorted on jobs and within job, sorted on the descending order of salary.

SELECT first\_name,job\_id,salary

FROM EMPLOYEES ORDER BY salary DESC