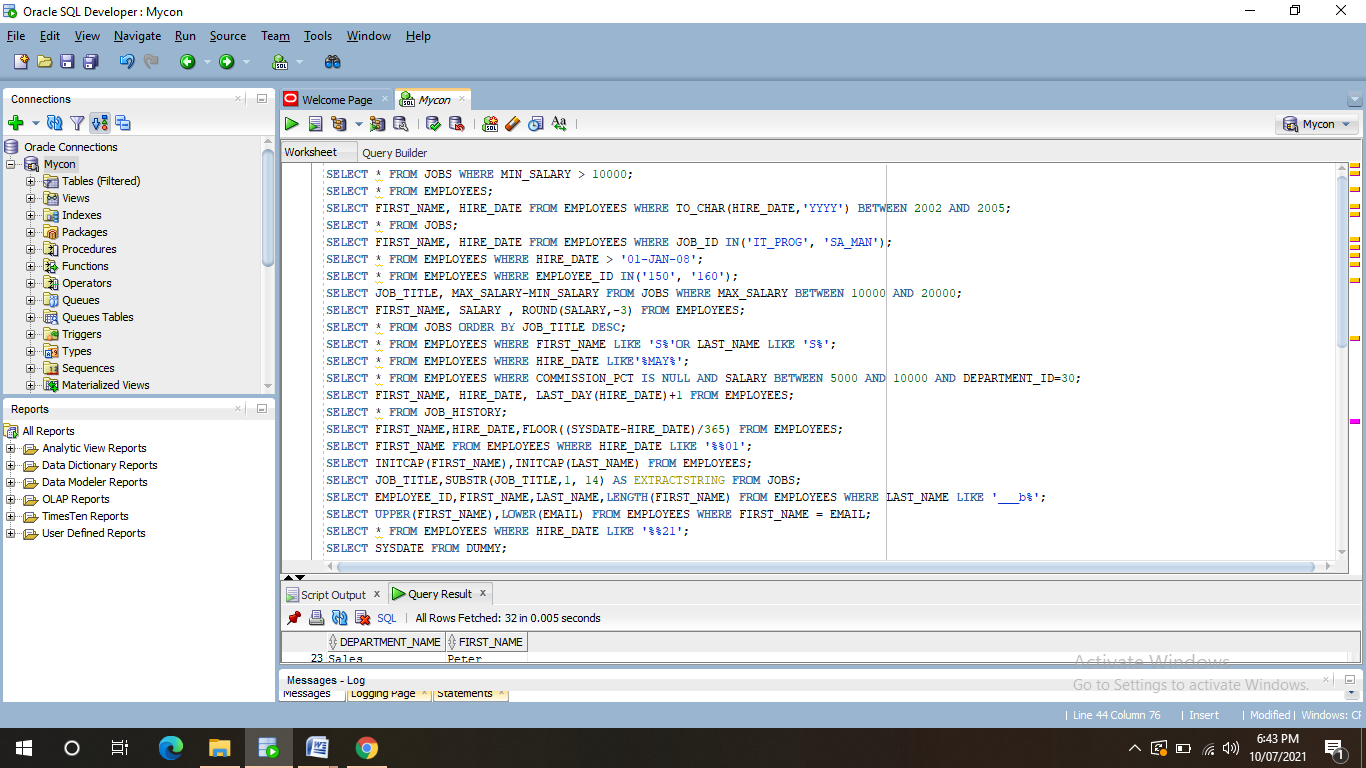
Zenil Shah

Roll no: 44



1.SELECT \* FROM JOBS WHERE MIN\_SALARY > 10000;

SELECT \* FROM EMPLOYEES;

2. SELECT FIRST\_NAME, HIRE\_DATE FROM EMPLOYEES WHERE TO\_CHAR(HIRE\_DATE,'YYYY') BETWEEN 2002 AND 2005;

SELECT \* FROM JOBS;

3.SELECT FIRST\_NAME, HIRE\_DATE FROM EMPLOYEES WHERE JOB\_ID IN('IT\_PROG', 'SA\_MAN');

4.SELECT \* FROM EMPLOYEES WHERE HIRE\_DATE > '01-JAN-08';

5.SELECT \* FROM EMPLOYEES WHERE EMPLOYEE\_ID IN('150', '160');

6. SELECT FIRST\_NAME, SALARY, COMMISSION\_PCT, HIRE\_DATE FROM EMPLOYEES WHERE SALARY <10000;

7.SELECT JOB\_TITLE, MAX\_SALARY-MIN\_SALARY FROM JOBS WHERE MAX\_SALARY BETWEEN 10000 AND 20000;

8.SELECT FIRST\_NAME, SALARY , ROUND(SALARY,-3) FROM EMPLOYEES;

9.SELECT \* FROM JOBS ORDER BY JOB\_TITLE DESC;

10.SELECT \* FROM EMPLOYEES WHERE FIRST\_NAME LIKE 'S%'OR LAST\_NAME LIKE 'S%';

11.SELECT \* FROM EMPLOYEES WHERE HIRE\_DATE LIKE'%MAY%';

12.SELECT \* FROM EMPLOYEES WHERE COMMISSION\_PCT IS NULL AND SALARY BETWEEN 5000 AND 10000 AND DEPARTMENT\_ID=30;

13.SELECT FIRST\_NAME, HIRE\_DATE, LAST\_DAY(HIRE\_DATE)+1 FROM EMPLOYEES;

SELECT \* FROM JOB\_HISTORY;

14.SELECT FIRST\_NAME,HIRE\_DATE,FLOOR((SYSDATE-HIRE\_DATE)/365) FROM EMPLOYEES;

15.SELECT FIRST\_NAME FROM EMPLOYEES WHERE HIRE\_DATE LIKE '%%01';

16.SELECT INITCAP(FIRST\_NAME),INITCAP(LAST\_NAME) FROM EMPLOYEES;

17.(DOUBT)SELECT JOB\_TITLE,SUBSTR(JOB\_TITLE,1, 14) AS EXTRACTSTRING FROM JOBS;

18.SELECT EMPLOYEE\_ID,FIRST\_NAME,LAST\_NAME,LENGTH(FIRST\_NAME) FROM EMPLOYEES WHERE LAST\_NAME LIKE '\_\_\_b%';

19.SELECT UPPER(FIRST\_NAME),LOWER(EMAIL) FROM EMPLOYEES WHERE FIRST\_NAME = EMAIL;

20.SELECT \* FROM EMPLOYEES WHERE HIRE\_DATE LIKE '%%21';

SELECT SYSDATE FROM DUMMY;

21.SELECT SYSDATE - TO\_DATE('01-JAN-2011') FROM DUMMY;

22.SELECT TO\_CHAR(HIRE\_DATE, 'MM'),COUNT(\*) FROM EMPLOYEES WHERE TO\_CHAR(HIRE\_DATE,'YYYY')=TO\_CHAR(SYSDATE,'YYYY') GROUP BY TO\_CHAR(HIRE\_DATE,'MM');

23.SELECT MANAGER\_ID, COUNT(\*) FROM EMPLOYEES GROUP BY MANAGER\_ID;

24.SELECT EMPLOYEE\_ID, MAX(END\_DATE) FROM JOB\_HISTORY GROUP BY EMPLOYEE\_ID;

25.SELECT COUNT(\*) FROM EMPLOYEES WHERE TO\_CHAR(HIRE\_DATE,'DD')>15;

26.SELECT COUNTRY\_ID, COUNT(\*) FROM LOCATIONS GROUP BY COUNTRY\_ID;

27.SELECT DEPARTMENT\_ID,AVG(SALARY) FROM EMPLOYEES WHERE COMMISSION\_PCT IS NOT NULL GROUP BY DEPARTMENT\_ID;

28.SELECT JOB\_ID, COUNT(\*), SUM(SALARY),MAX(SALARY)-MIN(SALARY) FROM EMPLOYEES GROUP BY JOB\_ID;

29.SELECT JOB\_ID , AVG(SALARY) FROM EMPLOYEES HAVING AVG(SALARY)>10000 GROUP BY JOB\_ID;

30.SELECT TO\_CHAR(HIRE\_DATE, 'YYYY')FROM EMPLOYEES GROUP BY TO\_CHAR(HIRE\_DATE, 'YYYY') HAVING COUNT(EMPLOYEE\_ID) > 10;

31.SELECT DEPARTMENT\_ID FROM EMPLOYEES WHERE COMMISSION\_PCT IS NOT NULL GROUP BY DEPARTMENT\_ID HAVING COUNT(COMMISSION\_PCT)>5;

32.SELECT EMPLOYEE\_ID FROM JOB\_HISTORY GROUP BY EMPLOYEE\_ID HAVING COUNT(\*)>1;

33.SELECT JOB\_ID FROM JOB\_HISTORY WHERE END\_DATE - START\_DATE >100 GROUP BY JOB\_ID HAVING COUNT(\*)>3;

34.SELECT DEPARTMENT\_ID, TO\_CHAR(HIRE\_DATE,'YYYY'),COUNT(EMPLOYEE\_ID) FROM EMPLOYEES GROUP BY DEPARTMENT\_ID,TO\_CHAR(HIRE\_DATE,'YYYY');

35.SELECT DEPARTMENT\_ID FROM EMPLOYEES GROUP BY DEPARTMENT\_ID HAVING COUNT(EMPLOYEE\_ID)> 5;

36. UPDATE EMPLOYEES SET SALARY = 8000 WHERE EMPLOYEE\_ID = 115 AND SALARY < 6000

38.DELETE FROM DEPARTMENTS WHERE DEPARTMENT\_ID=20

39.UPDATE EMPLOYEES SET JOB\_ID= 'IT\_PROG'

WHERE EMPLOYEE\_ID=110 AND DEPARTMENT\_ID=10 AND NOT JOB\_ID LIKE 'IT%'

40. INSERT INTO DEPARTMENTS (150,'SPORTS',120,1200)

41.SELECT DEPARTMENT\_NAME, COUNT(\*) FROM EMPLOYEES NATURAL JOIN DEPARTMENTS GROUP BY DEPARTMENT\_NAME

42.SELECT EMPLOYEE\_ID, JOB\_TITLE, END\_DATE-START\_DATE DAYS

FROM JOB\_HISTORY NATURAL JOIN JOBS

WHERE DEPARTMENT\_ID=30

.

43.SELECT DEPARTMENT\_NAME, FIRST\_NAME FROM DEPARTMENTS D JOIN EMPLOYEES E ON (D.MANAGER\_ID=E.EMPLOYEE\_ID)

44.SELECT DEPARTMENT\_NAME, FIRST\_NAME, CITY FROM DEPARTMENTS D JOIN EMPLOYEES E ON (D.MANAGER\_ID=E.EMPLOYEE\_ID) JOIN LOCATIONS L USING (LOCATION\_ID)

45.SELECT COUNTRY\_NAME, CITY, DEPARTMENT\_NAME

FROM COUNTRIES JOIN LOCATIONS USING (COUNTRY\_ID)

JOIN DEPARTMENTS USING (LOCATION\_ID)

46.SELECT JOB\_TITLE, DEPARTMENT\_NAME, LAST\_NAME, START\_DATE

FROM JOB\_HISTORY JOIN JOBS USING (JOB\_ID) JOIN DEPARTMENTS

USING (DEPARTMENT\_ID) JOIN EMPLOYEES USING (EMPLOYEE\_ID)

WHERE TO\_CHAR(START\_DATE,'YYYY') BETWEEN 2000 AND 2005

47.SELECT JOB\_TITLE, AVG(SALARY) FROM EMPLOYEES

NATURAL JOIN JOBS GROUP BY JOB\_TITLE

48.SELECT JOB\_TITLE, FIRST\_NAME, MAX\_SALARY-SALARY DIFFERENCE FROM EMPLOYEES NATURAL JOIN JOBS

49.SELECT JOB\_TITLE, FIRST\_NAME, MAX\_SALARY-SALARY DIFFERENCE FROM EMPLOYEES NATURAL JOIN JOBS WHERE DEPARTMENT\_ID = 30.

50.SELECT JH.\*

FROM JOB\_HISTORY JH JOIN EMPLOYEES E ON (JH.EMPLOYEE\_ID = E.EMPLOYEE\_ID)

WHERE SALARY > 15000

51.SELECT DEPARTMENT\_NAME, FIRST\_NAME, SALARY

FROM DEPARTMENTS D JOIN EMPLOYEES E ON (D.MANAGER\_ID=E.MANAGER\_ID)

WHERE (SYSDATE-HIRE\_DATE) / 365 > 5

52.SELECT FIRST\_NAME FROM EMPLOYEES E1 JOIN EMPLOYEES E2 ON (E1.MANAGER\_ID=E2.EMPLOYEE\_ID)

WHERE E1.HIRE\_DATE < E2.HIRE\_DATE

53.SELECT FIRST\_NAME, JOB\_TITLE FROM EMPLOYEES E JOIN JOB\_HISTORY JH ON (JH.EMPLOYEE\_ID = E.EMPLOYEE\_ID) JOIN JOBS J ON( JH.JOB\_ID = J.JOB\_ID)

WHERE MONTHS\_BETWEEN(END\_DATE,START\_DATE) < 6

54.SELECT FIRST\_NAME, COUNTRY\_NAME FROM EMPLOYEES JOIN DEPARTMENTS USING(DEPARTMENT\_ID)

JOIN LOCATIONS USING( LOCATION\_ID)

JOIN COUNTRIES USING ( COUNTRY\_ID)

55.SELECT DEPARTMENT\_NAME, AVG(SALARY), COUNT(COMMISSION\_PCT)

FROM DEPARTMENTS JOIN EMPLOYEES USING (DEPARTMENT\_ID)

GROUP BY DEPARTMENT\_NAME

56.SELECT TO\_CHAR(HIRE\_DATE,'MON-YY')

FROM EMPLOYEES JOIN DEPARTMENTS USING (DEPARTMENT\_ID) JOIN LOCATIONS USING (LOCATION\_ID)

WHERE CITY = 'Seattle'

GROUP BY TO\_CHAR(HIRE\_DATE,'MON-YY')

HAVING COUNT(\*) > 5

57.SELECT \* FROM DEPARTMENTS WHERE DEPARTMENT\_ID IN

( SELECT DEPARTMENT\_ID FROM EMPLOYEES

GROUP BY DEPARTMENT\_ID

HAVING MAX(SALARY)>10000)

.

58.SELECT \* FROM DEPARTMENTS WHERE MANAGER\_ID IN

(SELECT EMPLOYEE\_ID FROM EMPLOYEES WHERE FIRST\_NAME='SMITH')

59. SELECT \* FROM JOBS WHERE JOB\_ID IN

(SELECT JOB\_ID FROM EMPLOYEES WHERE TO\_CHAR(HIRE\_DATE,'YYYY')=TO\_CHAR(SYSDATE,'YYYY'))

.

60.SELECT \* FROM EMPLOYEES WHERE EMPLOYEE\_ID NOT IN

(SELECT EMPLOYEE\_ID FROM JOB\_HISTORY)

.

61.SELECT JOB\_TITLE, AVG(SALARY) FROM JOBS NATURAL JOIN EMPLOYEES

GROUP BY JOB\_TITLE

WHERE EMPLOYEE\_ID IN

(SELECT EMPLOYEE\_ID FROM JOB\_HISTORY)

62.SELECT COUNTRY\_NAME, CITY, COUNT(DEPARTMENT\_ID)

FROM COUNTRIES JOIN LOCATIONS USING (COUNTRY\_ID) JOIN DEPARTMENTS USING (LOCATION\_ID)

WHERE DEPARTMENT\_ID IN

(SELECT DEPARTMENT\_ID FROM EMPLOYEES

GROUP BY DEPARTMENT\_ID

HAVING COUNT(DEPARTMENT\_ID)>5)

GROUP BY COUNTRY\_NAME, CITY;

63.SELECT FIRST\_NAME FROM EMPLOYEES

WHERE EMPLOYEE\_ID IN

(SELECT MANAGER\_ID FROM EMPLOYEES

GROUP BY MANAGER\_ID

HAVING COUNT(\*)>5)

64.SELECT FIRST\_NAME, JOB\_TITLE, START\_DATE, END\_DATE

FROM JOB\_HISTORY JH JOIN JOBS J USING (JOB\_ID) JOIN EMPLOYEES E ON ( JH.EMPLOYEE\_ID = E.EMPLOYEE\_ID)

WHERE COMMISSION\_PCT IS NULL

SELECT \* FROM DEPARTMENTS

WHERE DEPARTMENT\_ID NOT IN

( SELECT DEPARTMENT\_ID FROM EMPLOYEES WHERE FLOOR((SYSDATE-HIRE\_DATE)/365) < 2)

SELECT \* FROM DEPARTMENTS

WHERE DEPARTMENT\_ID IN

(SELECT DEPARTMENT\_ID FROM EMPLOYEES

WHERE EMPLOYEE\_ID IN (SELECT EMPLOYEE\_ID FROM JOB\_HISTORY)

GROUP BY DEPARTMENT\_ID

HAVING MAX(SALARY) >10000)

SELECT \* FROM JOBS

WHERE JOB\_ID IN

(SELECT JOB\_ID FROM EMPLOYEES WHERE EMPLOYEE\_ID IN

(SELECT EMPLOYEE\_ID FROM JOB\_HISTORY WHERE JOB\_ID='IT\_PROG'))

SELECT DEPARTMENT\_ID,FIRST\_NAME, SALARY FROM EMPLOYEES OUTER WHERE SALARY =

(SELECT MAX(SALARY) FROM EMPLOYEES WHERE DEPARTMENT\_ID = OUTER.DEPARTMENT\_ID)

SELECT CITY FROM LOCATIONS WHERE LOCATION\_ID =

(SELECT LOCATION\_ID FROM DEPARTMENTS WHERE DEPARTMENT\_ID =

(SELECT DEPARTMENT\_ID FROM EMPLOYEES WHERE EMPLOYEE\_ID=105))