

1.WRITE A QUERY TO DISPLAY CURRENT DATE AND NAME COLUMN AS DATE

QUERY

```
select sysdate AS "DATE" from dual;
```

OUTPUT

DATE
10/3/2025
1 rows returned in 0.01 seconds Download

2.DISPLAY EMPNUMBER,LASTNAME,SAL INCREASED BY 15.5.% FOR EACH EMPLOYEE

QUERY

```
select num,lname,round(salary*1.155) as "new_salary" from emp;
```

OUTPUT

NUM	LNAME	new_salary
1	Doe	57750
4	Davis	71610
3	Brown	63525

3. A NEW COLUMN"INCREASE" that subtracts old and new salary

QUERY

```
alter table emp add increase integer;  
update emp  
set increase=round(salary*1.155)-salary;
```

OUTPUT

Results	Explain	Describe	Saved SQL
4 row(s) updated.			
0.02 seconds			

NUM	FNAME	LNAME	SALARY	DATES	INCREASE
1	John	Doe	50000	1/15/2023	7750
4	Emily	Davis	62000	3/12/2020	9610
3	Michael	Brown	55000	11/5/2021	8525

4.A QUERY THT DISPLAYS LASTNAME(FIRST LETTER UPPERCASE0 AND LENGTH OF LAST NAME WHOSE NAME STARTS WITH J,A,M

QUERY

```
SELECT INITCAP(LNAME) AS "CAPSNAME",LENGTH(LNAME) AS"LENNAME" FROM EMP
WHERE LNAME LIKE'J%' OR
LNAME LIKE 'A%' OR
LNAME LIKE 'B%'
ORDER BY LNAME;
```

OUTPUT

CAPSNAME	LENNAME
Brown	5

5. TO PROMT THE USER TO ENTER THE STARTING LETTER F LNAME AND SIAPLAY ALL ASSOCIATED DATA

QUERY

```
SELECT * FROM EMP WHERE LNAME LIKE 'B%';
```

OUTPUT

NUM	FNAME	LNAME	SALARY	DATES	INCREASE
3	Michael	Brown	55000	11/5/2021	8525

6.FIND LENGTH OF EMPLOYMENT,DISPALY LNAME,CALCULATE THE NO.OF MONTHS BETWEEN TODAY AND SATE OF HIRE = "MONTHS_WORKED" . ORDER BY MONTH

QUERY

```
SELECT LNAME,ROUND(MONTHS_BETWEEN(SYSDATE, HIRE_DATE)) AS
MONTHS_WORKED FROM EMP ORDER BY MONTHS_WORKED DESC;
```

OUTPUT

LNAME	MONTHS_WORKED
KING	527
BLAKE	519
CLARK	518
JONES	517

7. TO DISPLAY EMP REPOT

QUERY

```
SELECT LNAME || ' earns $' || SAL || ' monthly but earns $' || (SAL * 3) || ' three times that.' AS  
EMPLOYEE_REPORT FROM EMP;
```

OUTPUT

EMPLOYEE_REPORT
Doe earns \$50000 monthly but earns \$150000 three times that.
Davis earns \$62000 monthly but earns \$186000 three times that.
Brown earns \$55000 monthly but earns \$165000 three times that.

8. TO DISPLAY LNAME,SALARY , FORMAT SALARY TO BE 15 CHAR LONG EFT PADDED WITH \$

QUERY

```
SELECT LNAME, LPAD(SALARY, 15, '$') AS SALARY  
FROM EMP;
```

OUTPUT

LNAME	SALARY
Doe	\$\$\$\$\$\$\$\$\$50000
Davis	\$\$\$\$\$\$\$\$\$62000
Brown	\$\$\$\$\$\$\$\$\$55000

9.EMPLOYEES LASTNAME,HIRE DATE , SALARY REVIEW DATE, THE FIRST MONDAY AFTER 6 MONTHS OF SERVICE , LABEL THE COLUMN REVIEW , FORMAT IT TO"MONDAY,THE THIRTY FIRST OF JULY,2000"

QUERY

```
SELECT LNAME,HIRE_DATE,TO_CHAR( NEXT_DAY(ADD_MONTHS(HIRE_DATE, 6) - 1,  
'MONDAY'),'fmDAY, "THE "fmDDSPTH "OF "MONTH, YYYY') AS REVIEW  
FROM EMP;
```

OUTPUT

LNAME	HIRE_DATE	REVIEW
KING	17-NOV-81	MONDAY, THE SEVENTEENTH OF MAY, 1982
BLAKE	01-MAY-81	MONDAY, THE FIRST OF NOVEMBER, 1981
CLARK	09-JUN-81	MONDAY, THE FOURTEENTH OF DECEMBER, 1981
JONES	02-APR-81	MONDAY, THE FIFTH OF OCTOBER, 1981
SCOTT	09-DEC-82	MONDAY, THE THIRTEENTH OF JUNE, 1983

10. DISPLAY,LNAME,HIRE AND DAY OF THE WEEK ON WHICH THE EMP STARTED.LABEL IT AS "DAY",ORDERBY DAY

QUERY

SELECT LNAME, HIRE_DATE, TO_CHAR(HIRE_DATE, 'DAY') AS "DAY" FROM EMP ORDER BY DAY

OUTPUT

LNAME	HIRE_DATE	DAY
MARTIN	28-SEP-81	MONDAY
ADAMS	23-MAY-83	MONDAY
KING	17-NOV-81	TUESDAY
CLARK	09-JUN-81	TUESDAY
TURNER	08-SEP-81	TUESDAY