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

QUERY

select sysdate AS "DATE" from dual;

OUTPUT



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

QUERY

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

OUTPUT

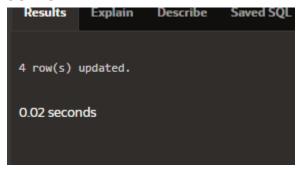
NUM	LNAME	new_salary	
1	Doe	57750	
4	Davis	71610	
3	Brown	63525	

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;





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. 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
	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;



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.	

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

QUERY

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

OUTPUT

Doe \$\$\$\$\$\$\$\$\$500	00
Davis \$\$\$\$\$\$\$\$620	00
Brown \$\$\$\$\$\$\$\$550	00

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;

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

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