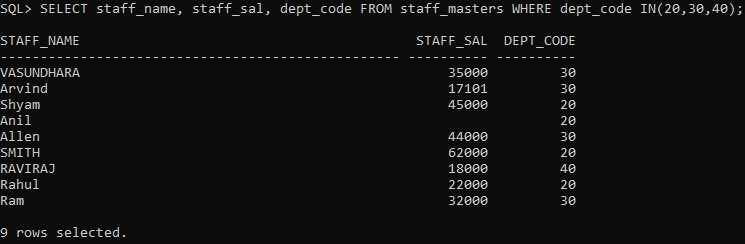
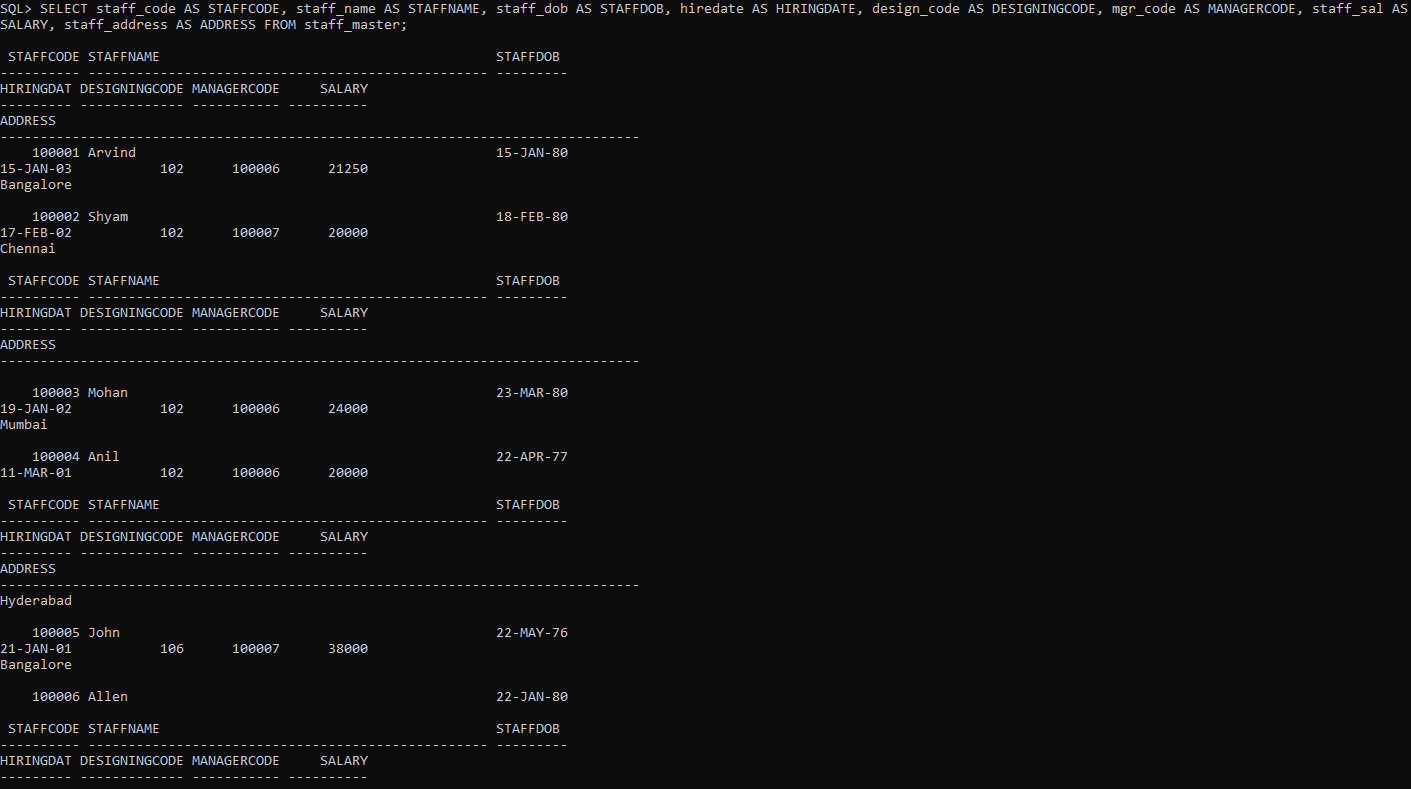
**LAB BOOK: ORACLE SQL**

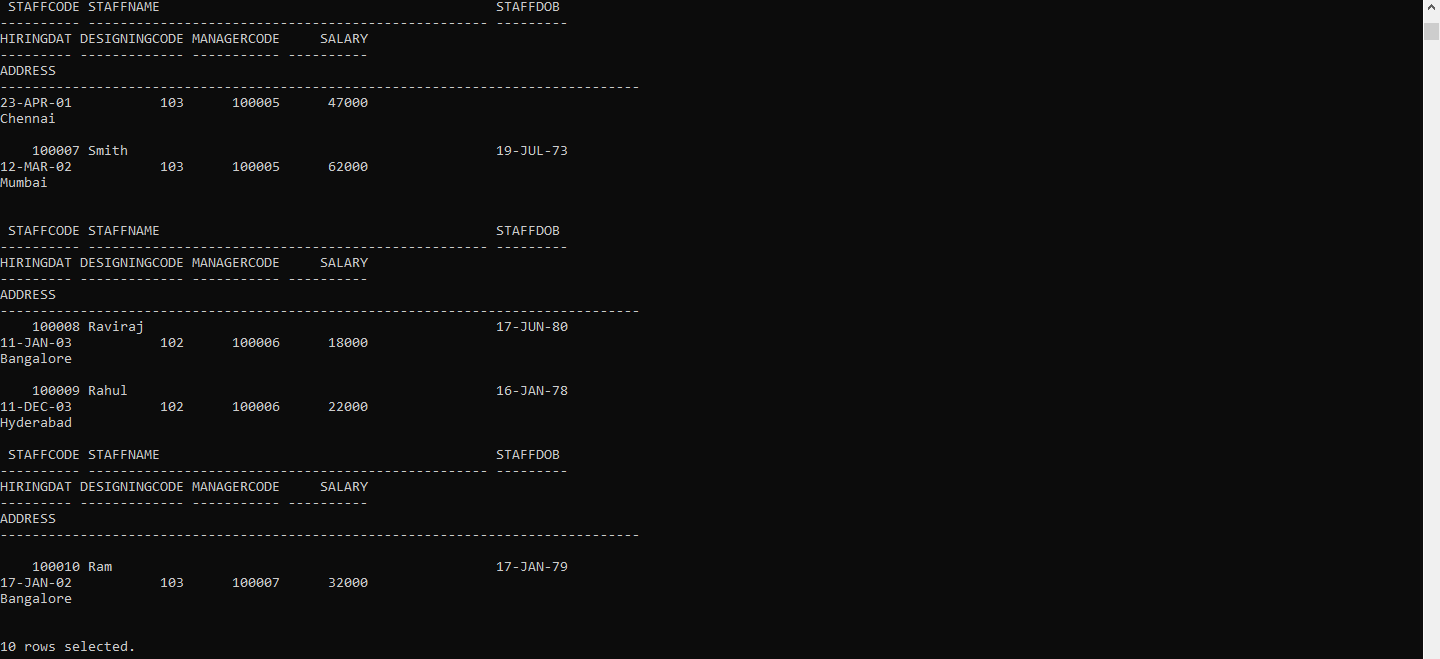
**LAB 1**

1. SELECT staff\_name, staff\_sal, dept\_code FROM staff\_masters WHERE dept\_code IN(20,30,40);

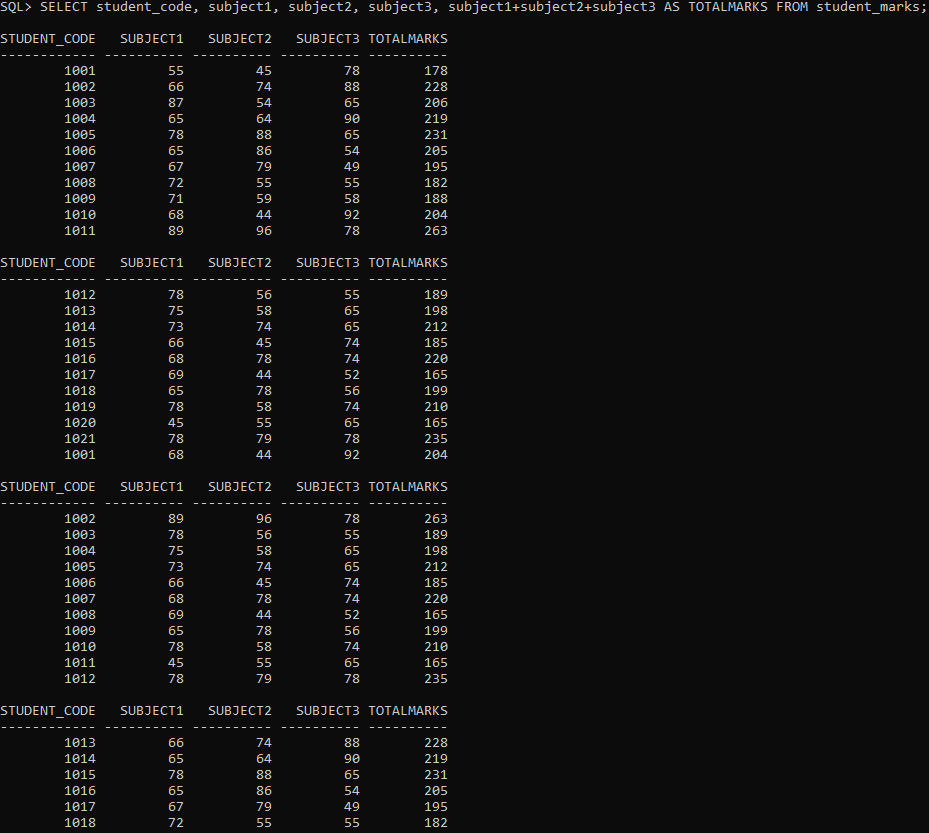


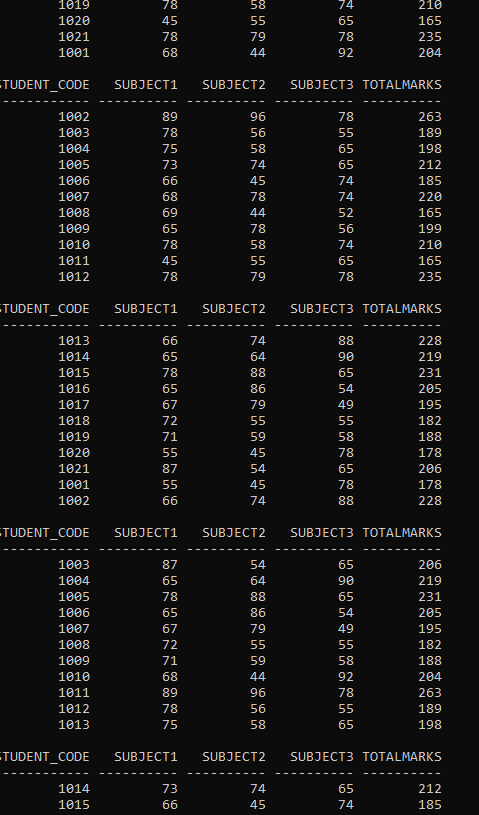
1. SELECT staff\_code AS STAFFCODE, staff\_name AS STAFFNAME, staff\_dob AS STAFFDOB, hiredate AS HIRINGDATE, design\_code AS DESIGNINGCODE, mgr\_code AS MANAGERCODE, staff\_sal AS SALARY, staff\_address AS ADDRESS FROM staff\_master;

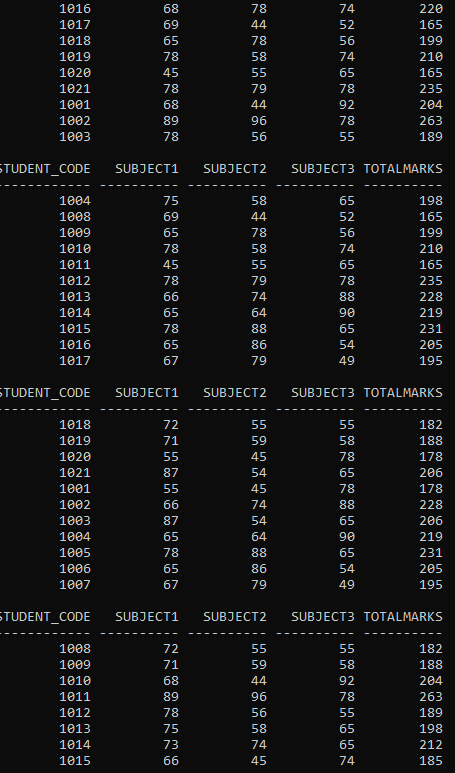


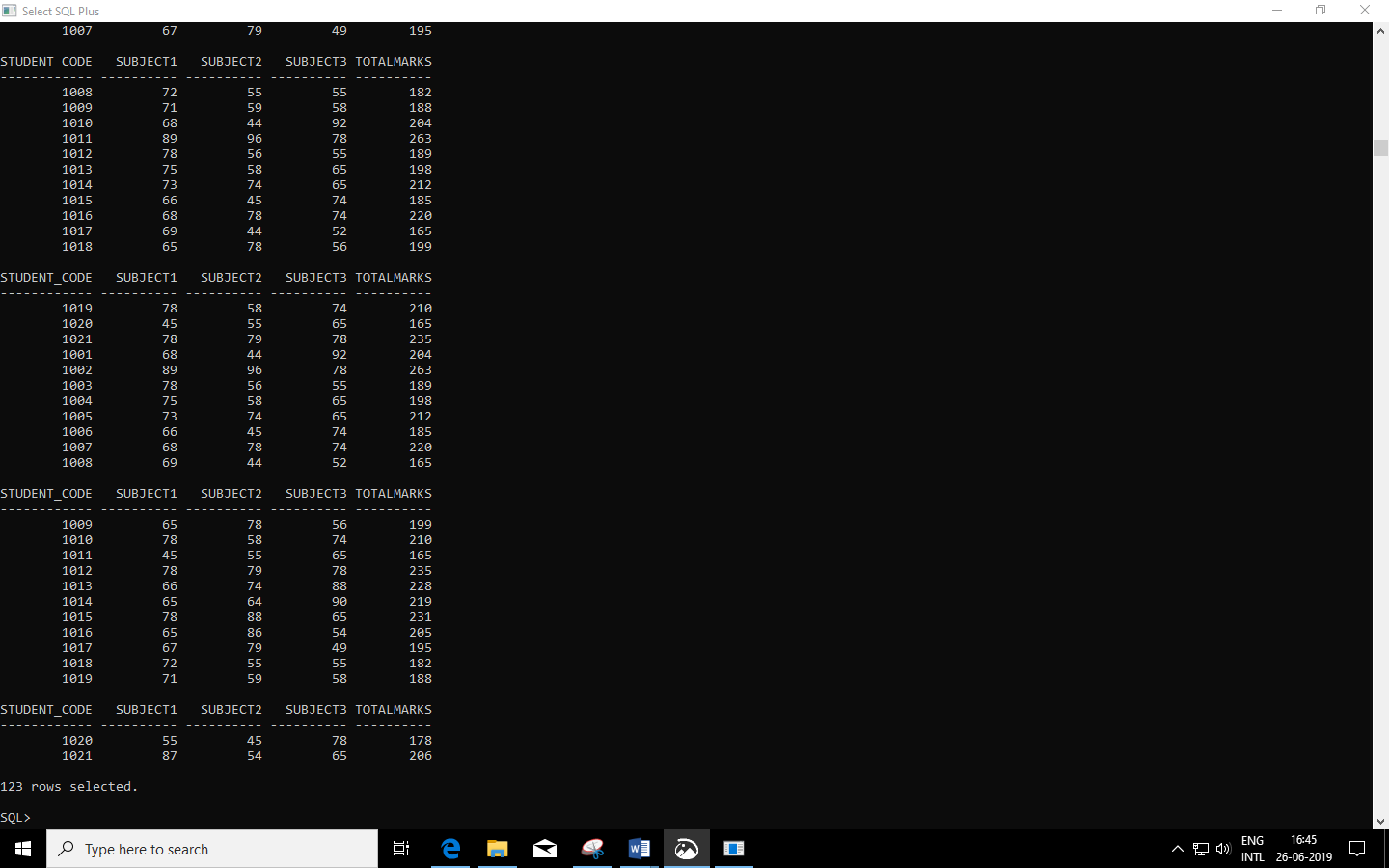


1. SELECT student\_code, subject1, subject2, subject3, subject1+subject2+subject3 AS TOTALMARKS FROM student\_marks;

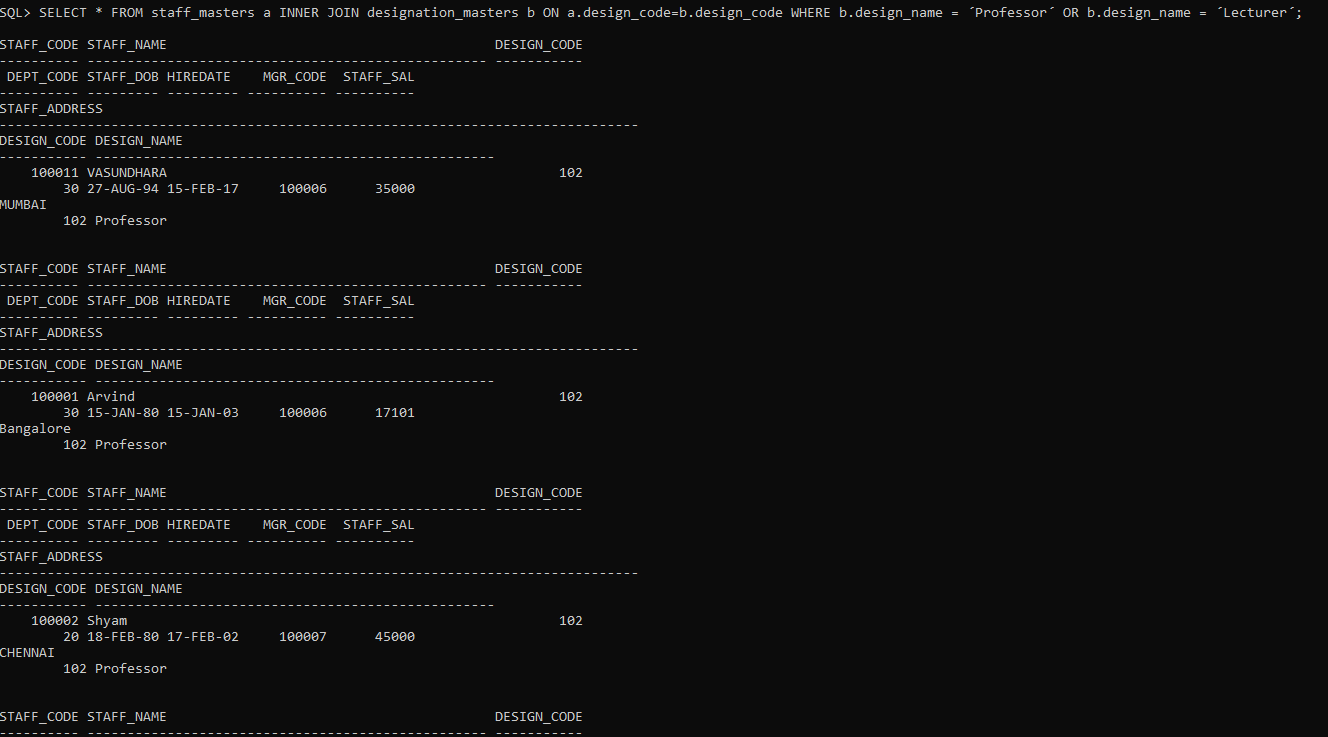


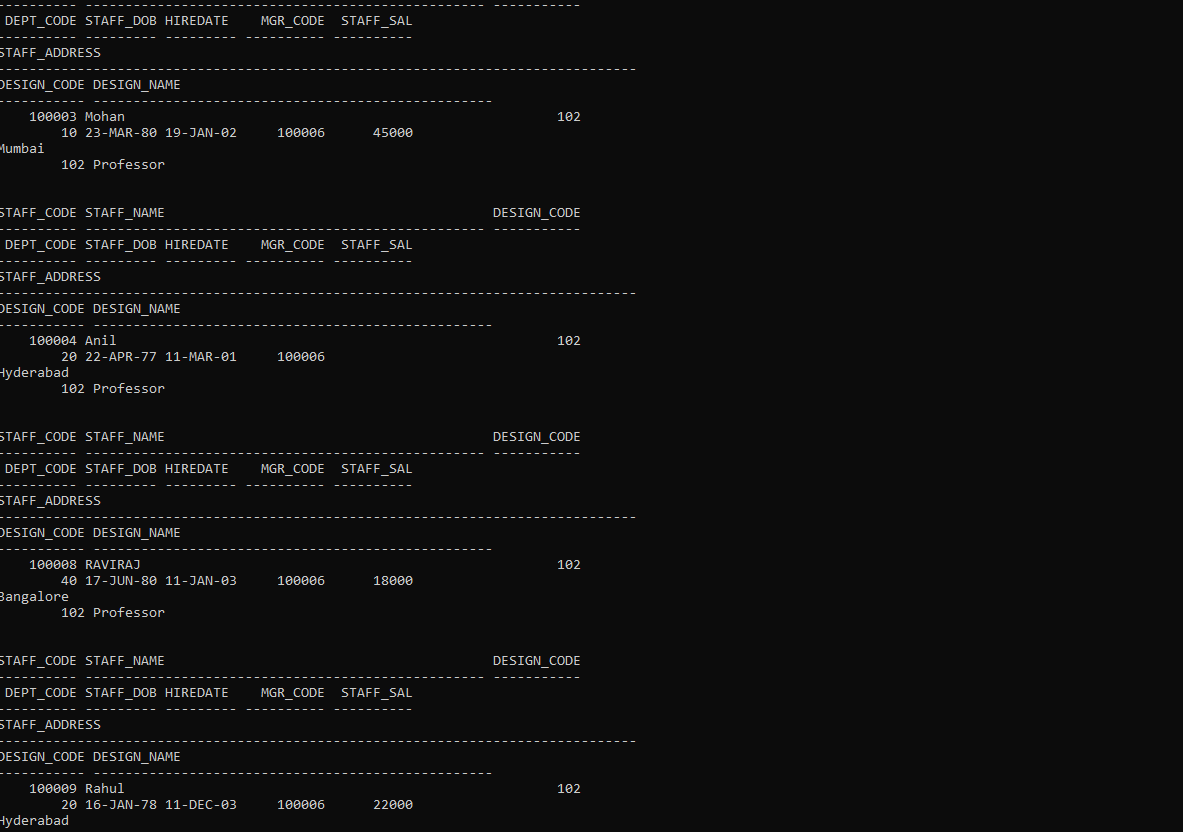






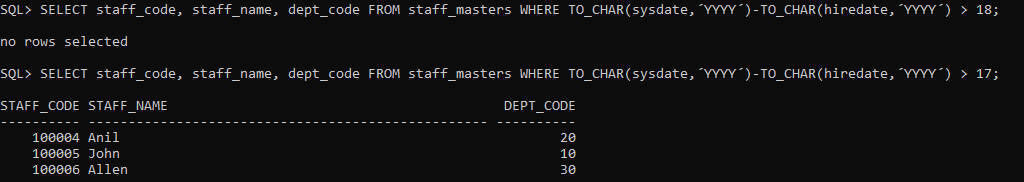
1. SELECT \* FROM staff\_masters a INNER JOIN designation\_masters b ON a.design\_code=b.design\_code WHERE b.design\_name = ´Professor´ OR b.design\_name = ´Lecturer´;



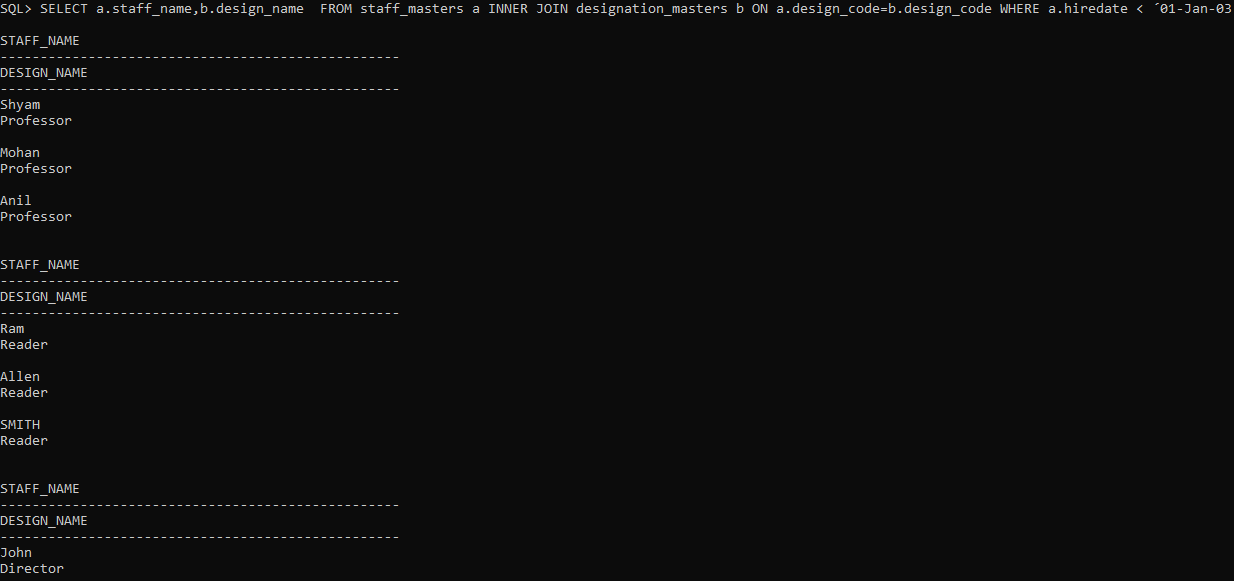




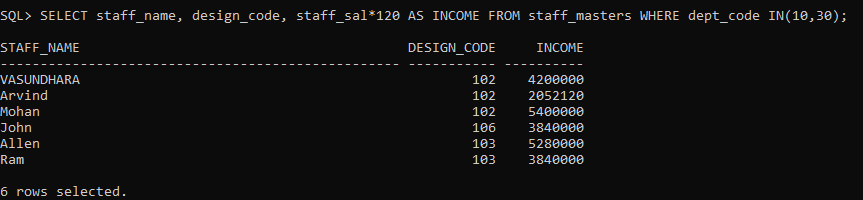
1. SELECT staff\_code, staff\_name, dept\_code FROM staff\_masters WHERE TO\_CHAR(sysdate,´YYYY´)-TO\_CHAR(hiredate,´YYYY´) > 18;



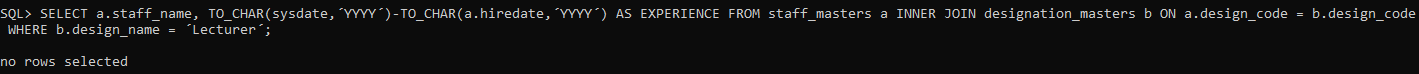
1. SELECT a.staff\_name,b.design\_name FROM staff\_masters a INNER JOIN designation\_masters b ON a.design\_code=b.design\_code WHERE a.hiredate < ´01-Jan-03´;

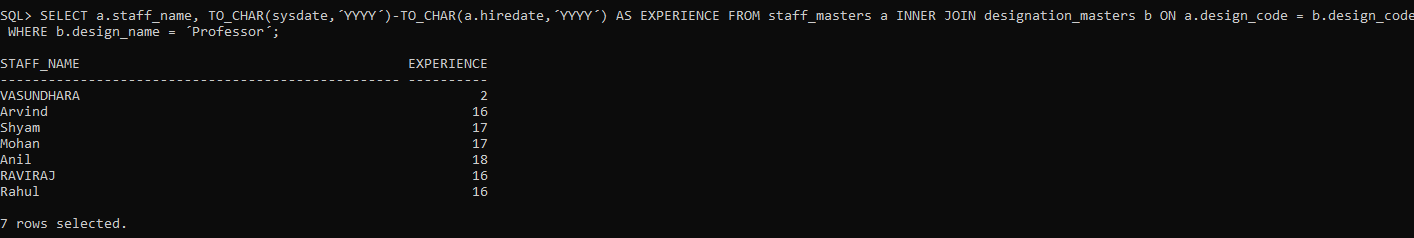


1. SELECT staff\_name, design\_code, staff\_sal\*120 AS INCOME FROM staff\_masters WHERE dept\_code IN(10,30);

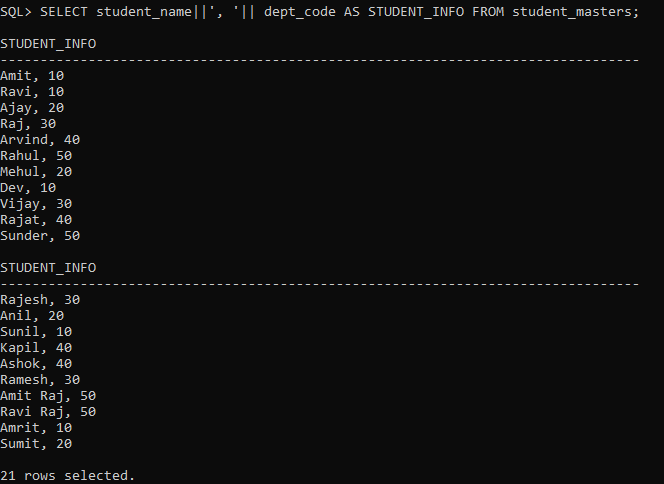


1. SELECT a.staff\_name, TO\_CHAR(sysdate,´YYYY´)-TO\_CHAR(a.hiredate,´YYYY´) AS EXPERIENCE FROM staff\_masters a INNER JOIN designation\_masters b ON a.design\_code = b.design\_code WHERE b.design\_name = ´Lecturer´;

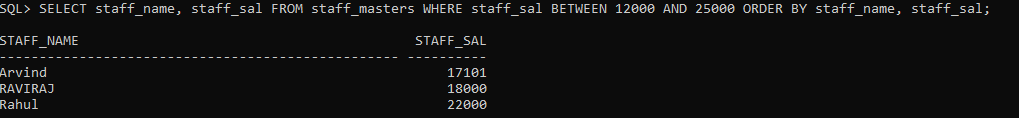




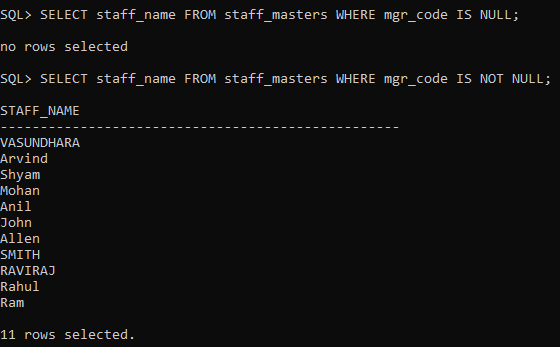
1. SELECT student\_name||', '|| dept\_code AS STUDENT\_INFO FROM student\_masters;



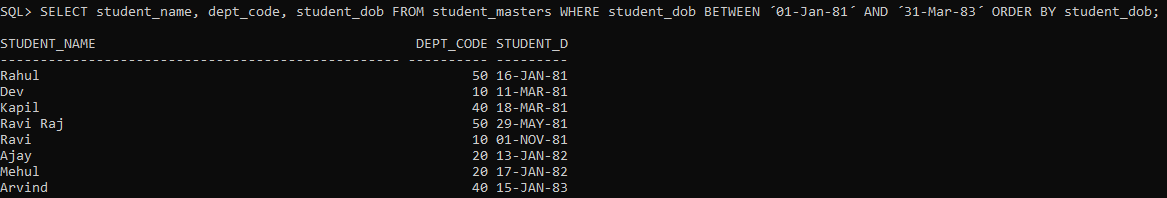
1. SELECT staff\_name, staff\_sal FROM staff\_masters WHERE staff\_sal BETWEEN 12000 AND 25000 ORDER BY staff\_name, staff\_sal;



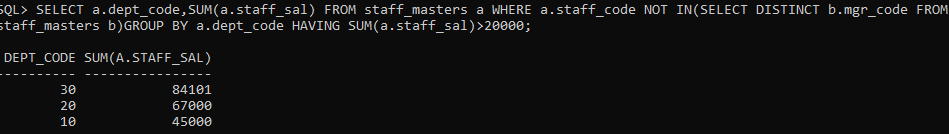
1. SELECT staff\_name FROM staff\_masters WHERE mgr\_code IS NULL;



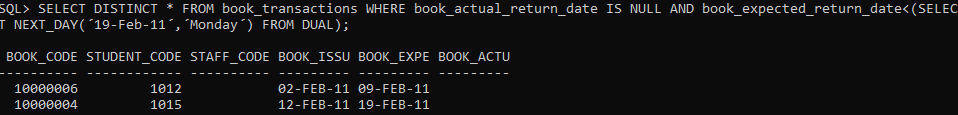
1. SELECT student\_name, dept\_code, student\_dob FROM student\_masters WHERE student\_dob BETWEEN ´01-Jan-81´ AND ´31-Mar-83´ ORDER BY student\_dob;



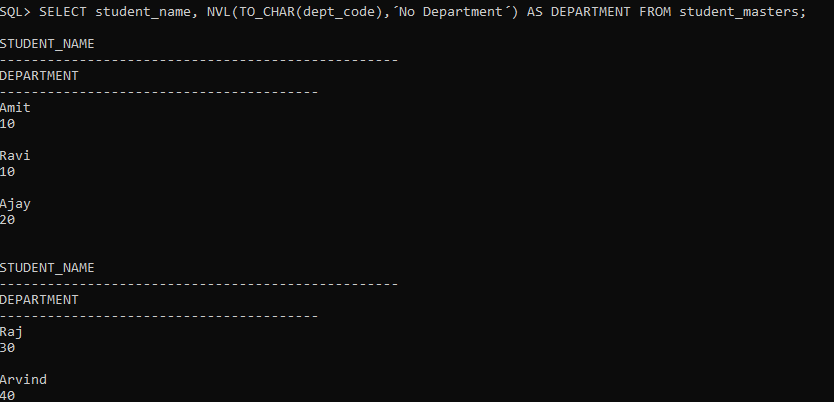
1. SELECT a.dept\_code,SUM(a.staff\_sal) FROM staff\_masters a WHERE a.staff\_code NOT IN(SELECT DISTINCT b.mgr\_code FROM staff\_masters b)GROUP BY a.dept\_code HAVING SUM(a.staff\_sal)>20000;

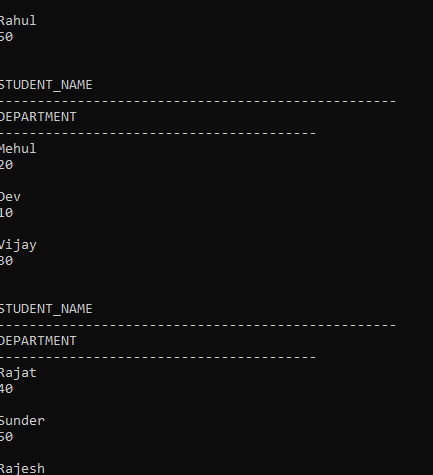


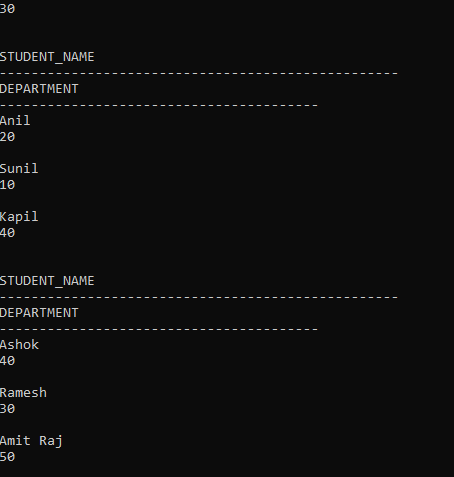
1. SELECT DISTINCT \* FROM book\_transactions WHERE book\_actual\_return\_date IS NULL AND book\_expected\_return\_date<(SELECT NEXT\_DAY(´19-Feb-11´,´Monday´) FROM DUAL);

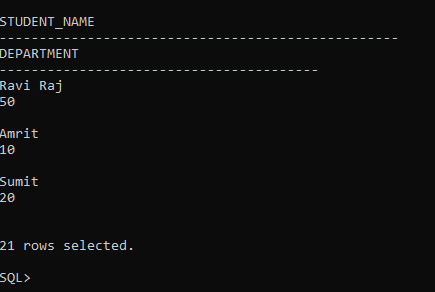


1. SELECT student\_name, NVL(TO\_CHAR(dept\_code),´No Department´) AS DEPARTMENT FROM student\_masters;

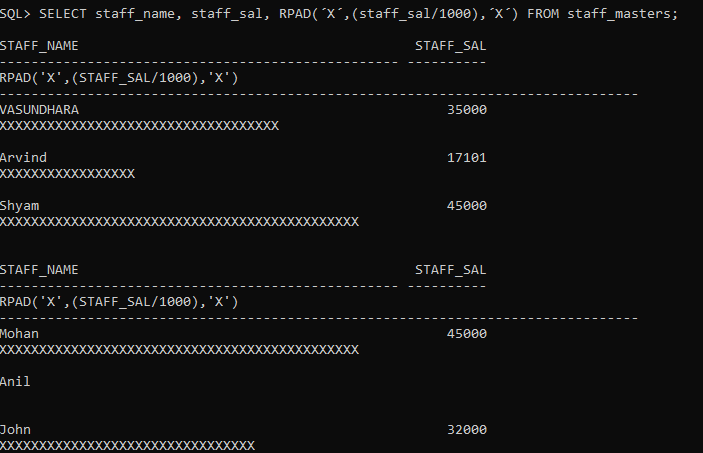


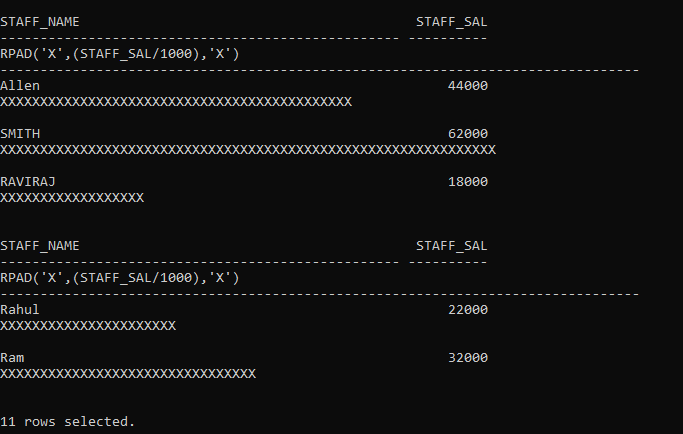






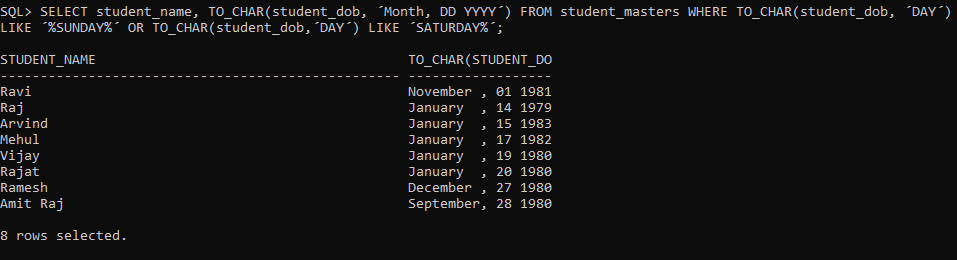
1. SELECT staff\_name, staff\_sal, RPAD(´X´,(staff\_sal/1000),´X´) FROM staff\_masters;



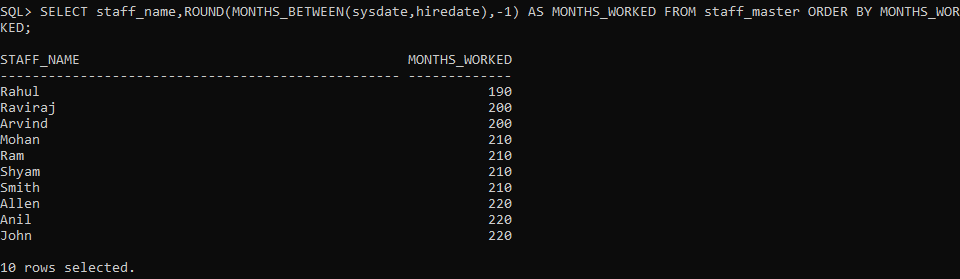


**LAB 2**

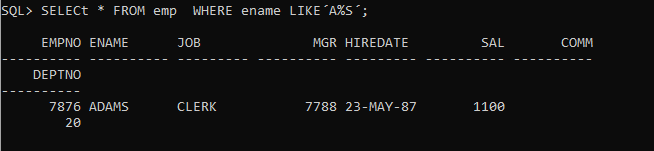
1. SELECT student\_name, TO\_CHAR(student\_dob, ´Month, DD YYYY´) FROM student\_masters WHERE TO\_CHAR(student\_dob, ´DAY´) LIKE ´%SUNDAY%´ OR TO\_CHAR(student\_dob,´DAY´) LIKE ´SATURDAY%´;



1. SELECT staff\_name,ROUND(MONTHS\_BETWEEN(sysdate,hiredate),-1) AS MONTHS\_WORKED FROM staff\_master ORDER BY MONTHS\_WORKED;



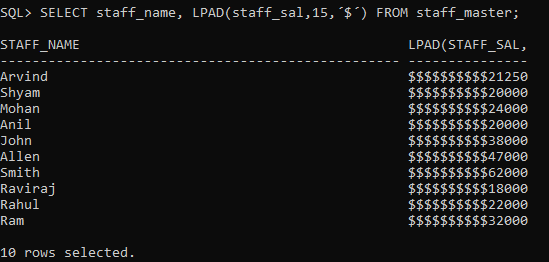
1. SELECT\* FROM emp WHERE ename LIKE´A%S´;



1. SELECT ename, job FROM emp WHERE (ename LIKE´\_N´ OR ename LIKE´\_\_N´) AND (ename LIKE´%N´ OR ename LIKE´%S´);



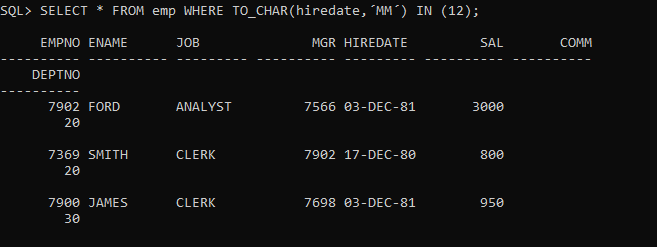
1. SELECT staff\_name, LPAD(staff\_sal,15,´$´) FROM staff\_master;



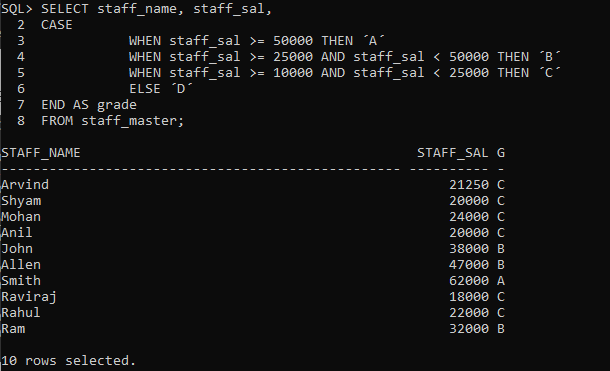
1. SELECT ename FROM emp WHERE ename LIKE ´%\\_%´;



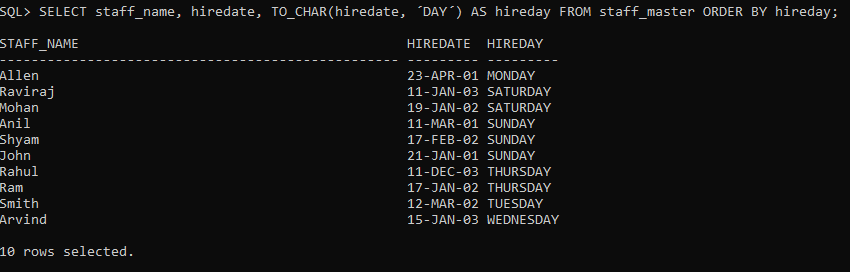
1. SELECT \* FROM emp WHERE TO\_CHAR(hiredate,´MM´) IN (12);



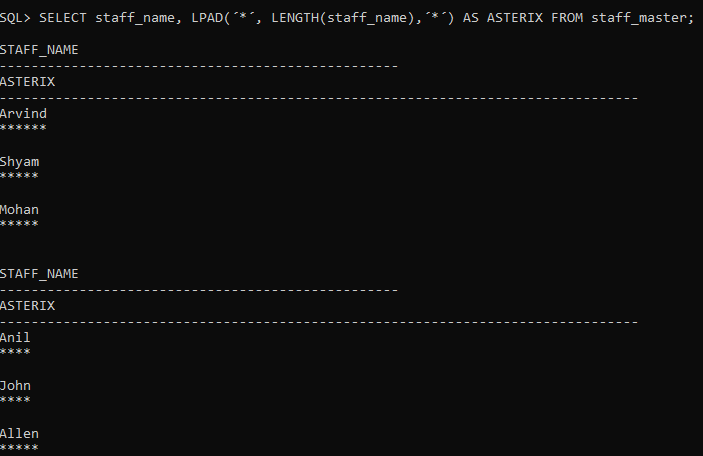
1. SELECT staff\_name, staff\_sal, CASE WHEN staff\_sal >= 50000 THEN ´A´ WHEN staff\_sal >= 25000 AND staff\_sal < 50000 THEN ´B´ WHEN staff\_sal >= 10000 AND staff\_sal < 25000 THEN ´C´ ELSE ´D´ END AS grade FROM staff\_master;

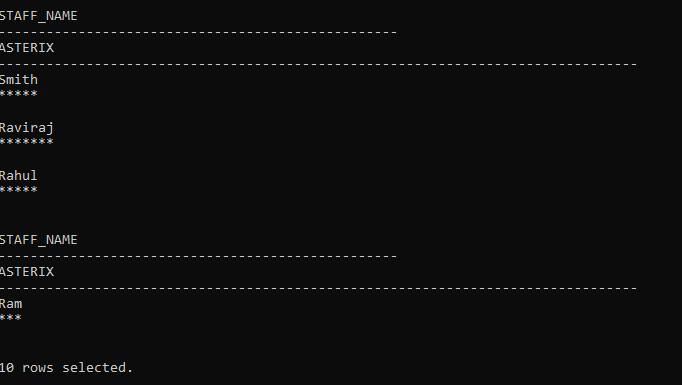


1. SELECT staff\_name, hiredate, TO\_CHAR(hiredate, ´DAY´) AS hireday FROM staff\_master ORDER BY hireday;

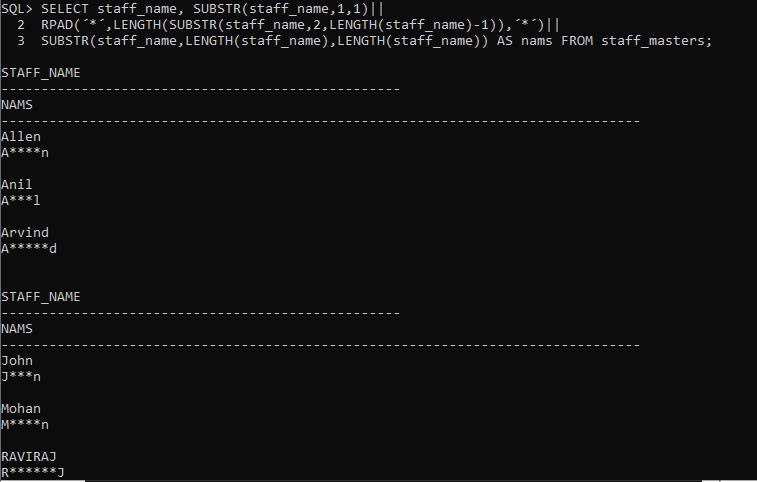


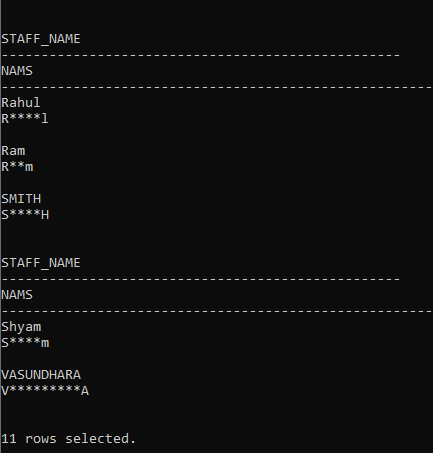
1. SELECT staff\_name, LPAD(´\*´, LENGTH(staff\_name),´\*´) AS ASTERIX FROM staff\_master;



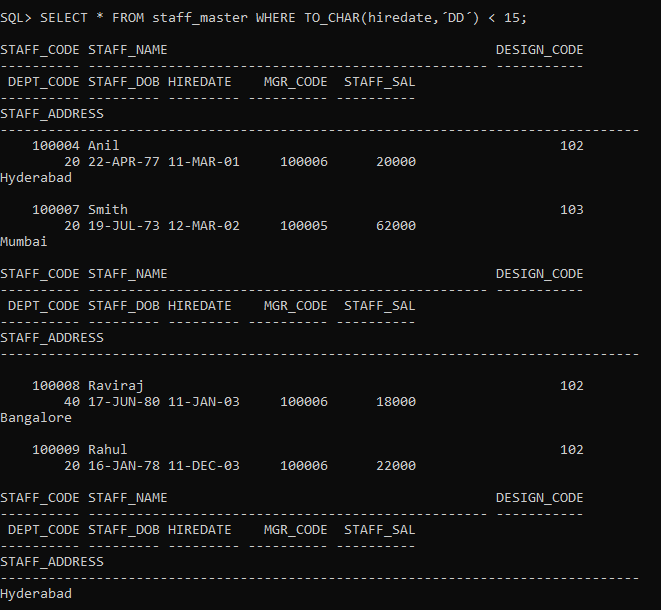


1. SELECT staff\_name, SUBSTR(staff\_name,1,1)|| RPAD(´\*´,LENGTH(SUBSTR(staff\_name,2,LENGTH(staff\_name)-1)),´\*´)|| SUBSTR(staff\_name,LENGTH(staff\_name),LENGTH(staff\_name)) AS nams FROM staff\_masters;

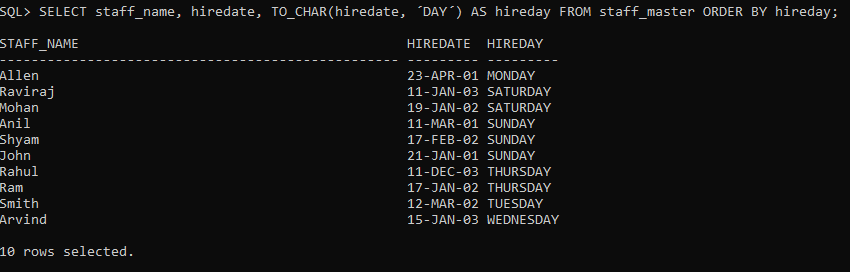




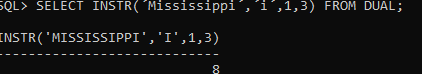
1. SELECT \* FROM staff\_master WHERE TO\_CHAR(hiredate,´DD´) < 15;



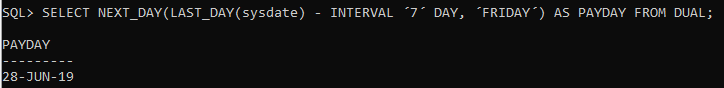
1. SELECT staff\_name, hiredate, TO\_CHAR(hiredate, ´DAY´) AS hireday FROM staff\_master ORDER BY hireday;



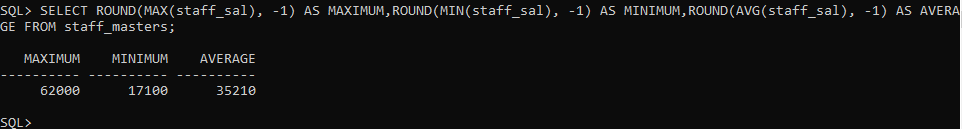
1. SELECT INSTR(´Mississippi´,´i´,1,3) FROM DUAL;



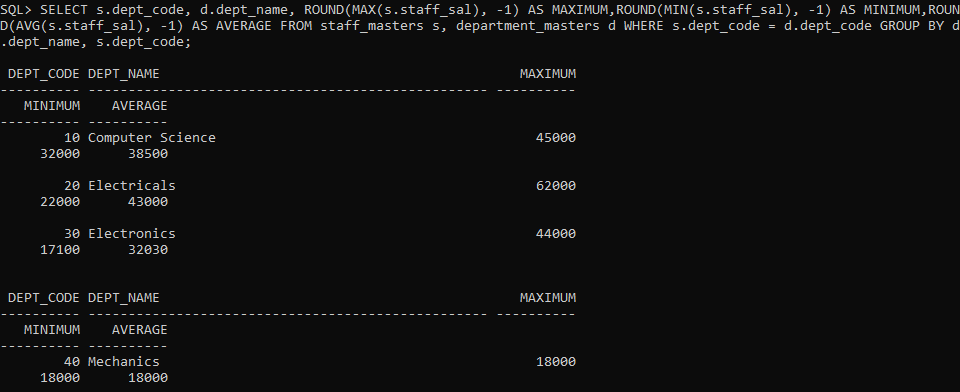
1. SELECT NEXT\_DAY(LAST\_DAY(sysdate) - INTERVAL ´7´ DAY, ´FRIDAY´) AS PAYDAY FROM DUAL;



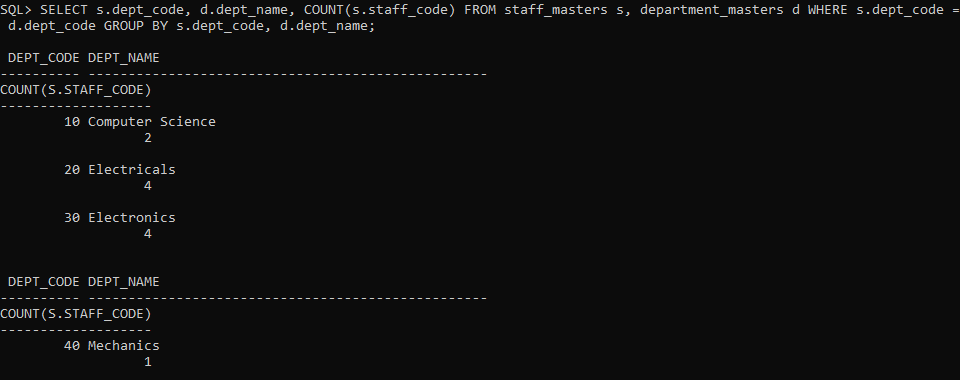
1. SELECT ROUND(MAX(staff\_sal), -1) AS MAXIMUM,ROUND(MIN(staff\_sal), -1) AS MINIMUM,ROUND(AVG(staff\_sal), -1) AS AVERAGE FROM staff\_masters;



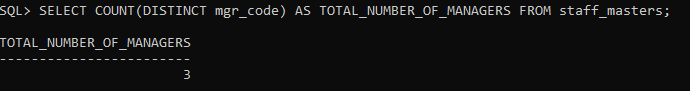
1. SELECT s.dept\_code, d.dept\_name, ROUND(MAX(s.staff\_sal), -1) AS MAXIMUM,ROUND(MIN(s.staff\_sal), -1) AS MINIMUM,ROUND(AVG(s.staff\_sal), -1) AS AVERAGE FROM staff\_masters s, department\_masters d WHERE s.dept\_code = d.dept\_code GROUP BY d.dept\_name, s.dept\_code;



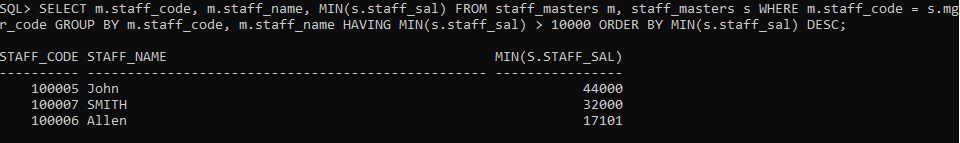
1. SELECT s.dept\_code, d.dept\_name, COUNT(s.staff\_code) FROM staff\_masters s, department\_masters d WHERE s.dept\_code = d.dept\_code GROUP BY s.dept\_code, d.dept\_name;



1. SELECT COUNT(DISTINCT mgr\_code) AS TOTAL\_NUMBER\_OF\_MANAGERS FROM staff\_masters;

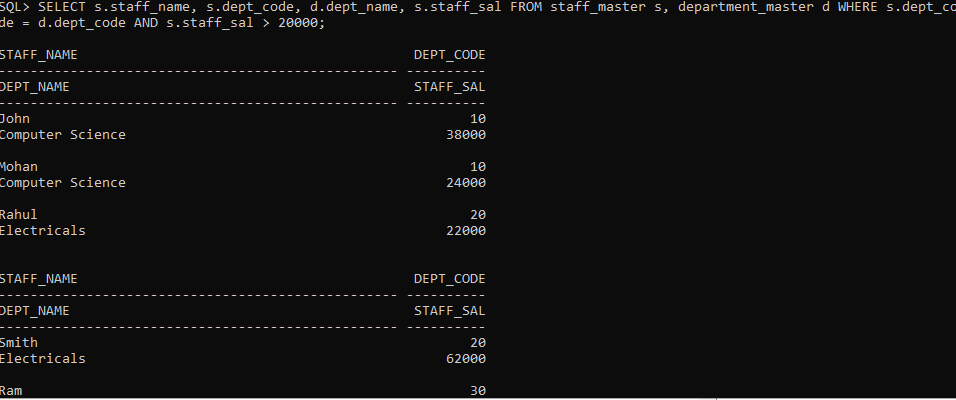


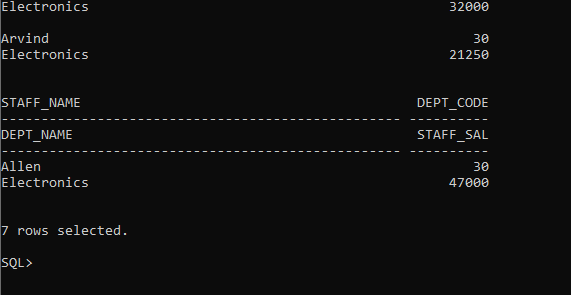
1. SELECT m.staff\_code, m.staff\_name, MIN(s.staff\_sal) FROM staff\_masters m, staff\_masters s WHERE m.staff\_code = s.mgr\_code GROUP BY m.staff\_code, m.staff\_name HAVING MIN(s.staff\_sal) > 10000 ORDER BY MIN(s.staff\_sal) DESC;



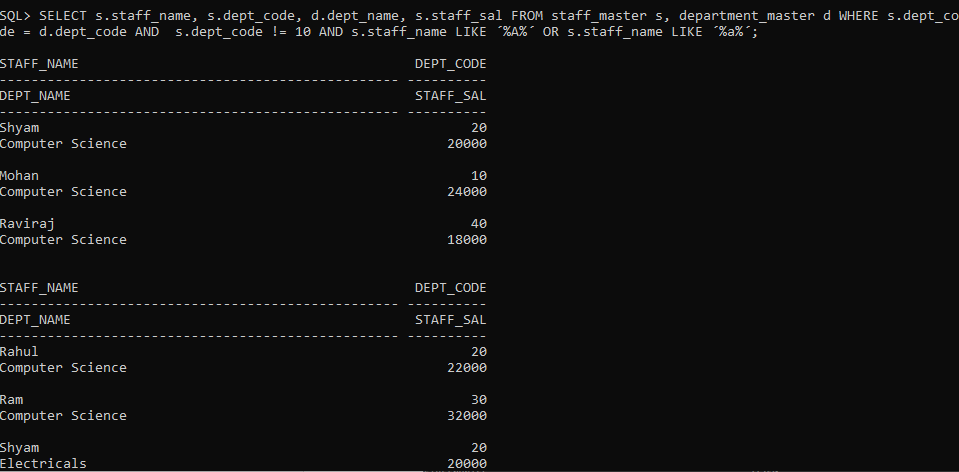
**LAB 3**

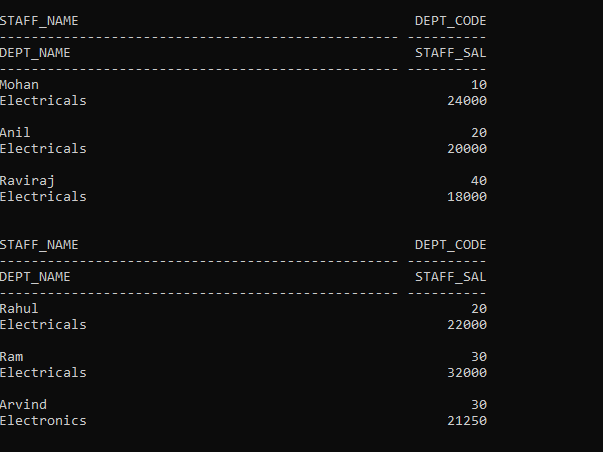
1. SELECT s.staff\_name, s.dept\_code, d.dept\_name, s.staff\_sal FROM staff\_master s, department\_master d WHERE s.dept\_code = d.dept\_code AND s.staff\_sal > 20000;

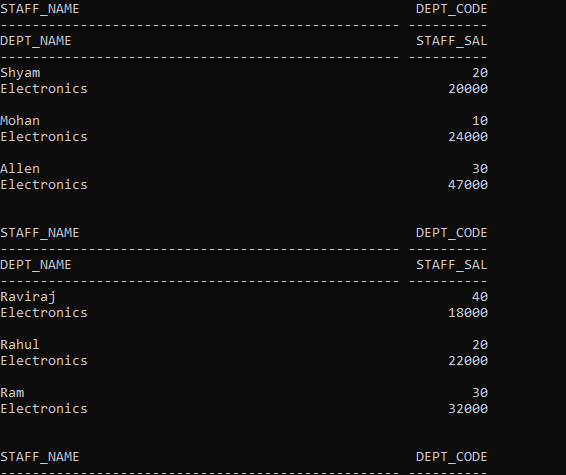


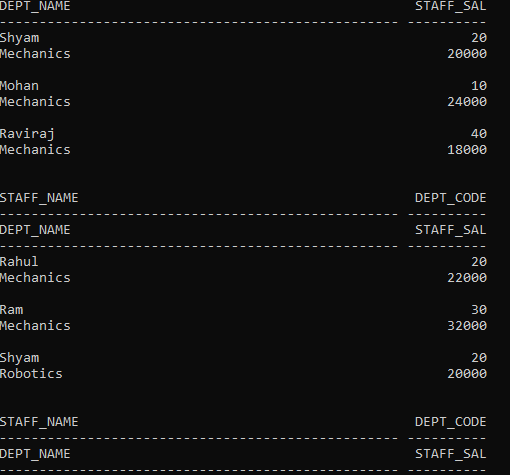


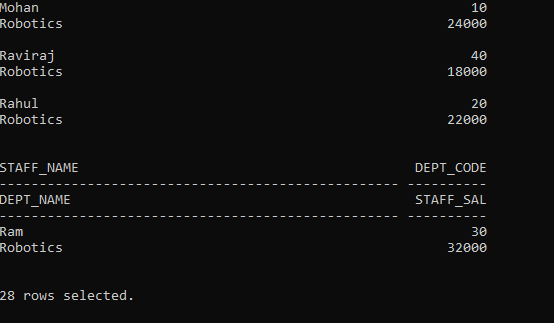
1. SELECT s.staff\_name, s.dept\_code, d.dept\_name, s.staff\_sal FROM staff\_master s, department\_master d WHERE s.dept\_code = d.dept\_code AND s.dept\_code != 10 AND s.staff\_name LIKE ´%A%´;



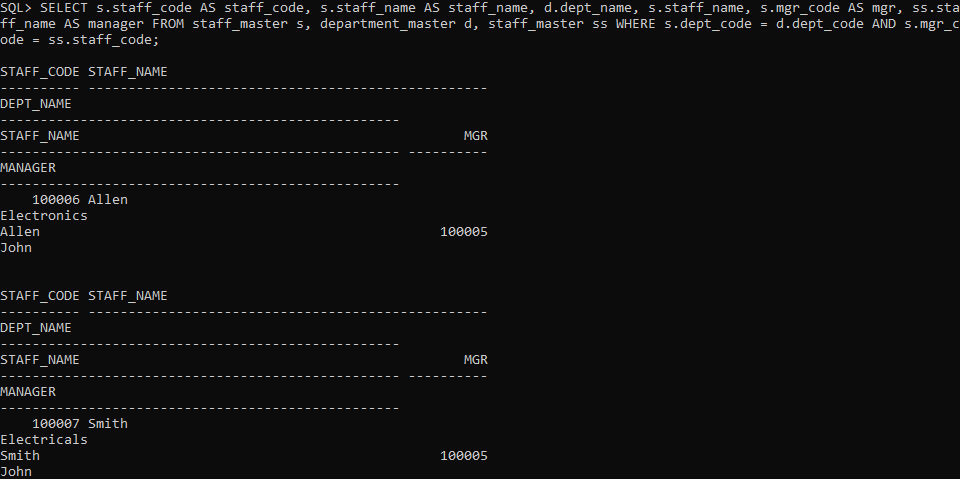


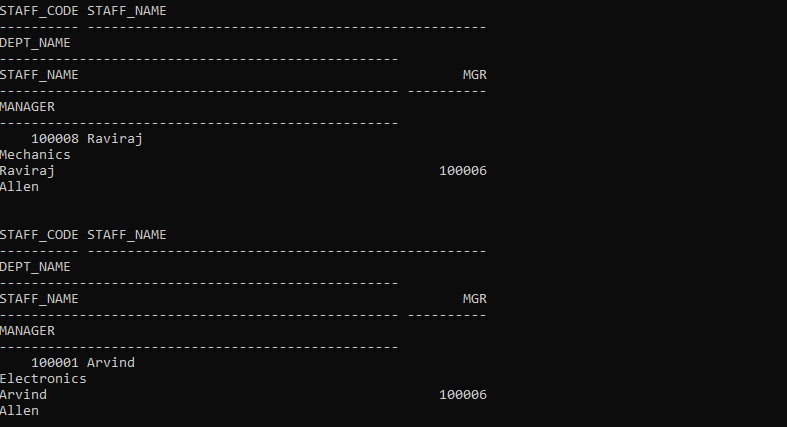




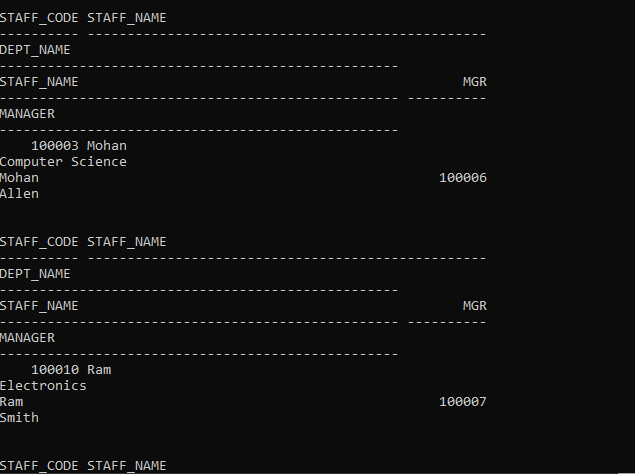


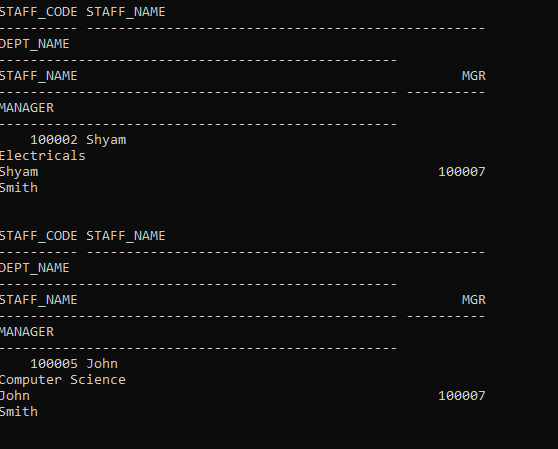
1. SELECT s.staff\_code AS staff\_code, s.staff\_name AS staff\_name, d.dept\_name, s.staff\_name, s.mgr\_code AS mgr, ss.staff\_name AS manager FROM staff\_master s, department\_master d, staff\_master ss WHERE s.dept\_code = d.dept\_code AND s.mgr\_code = ss.staff\_code;



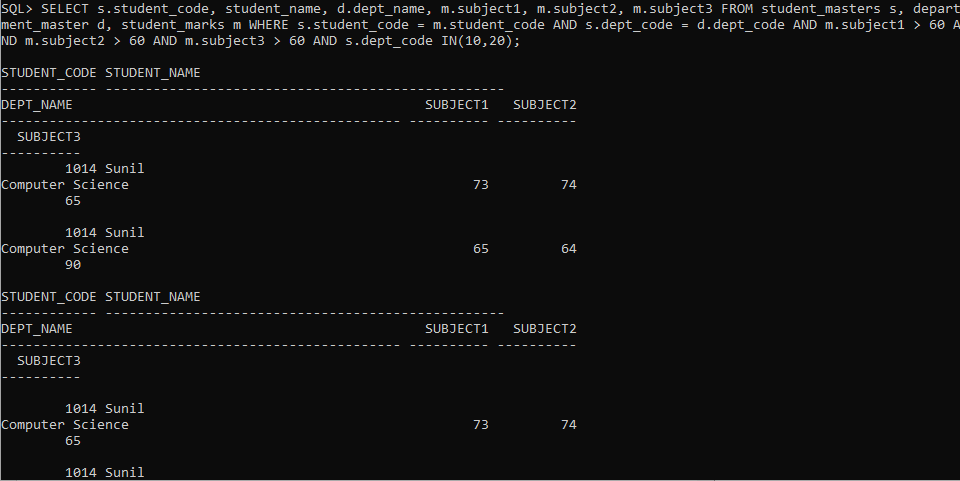
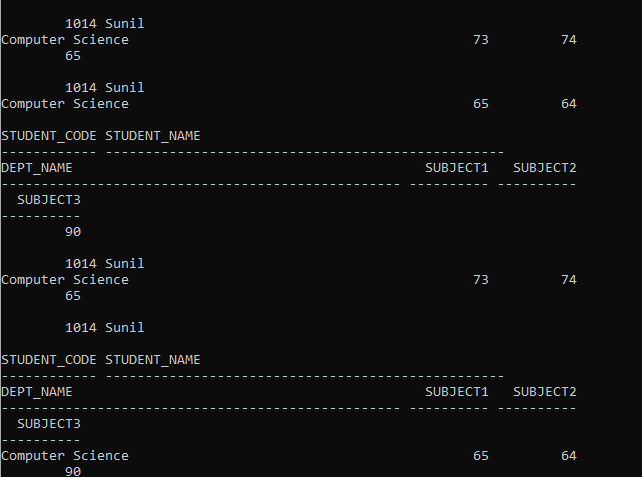


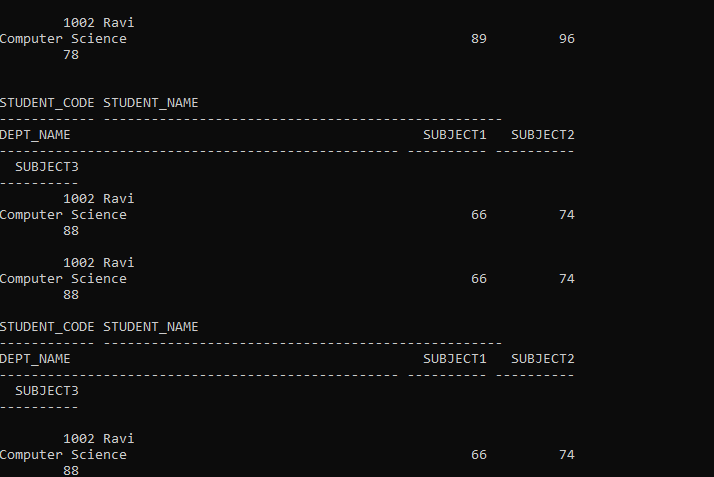




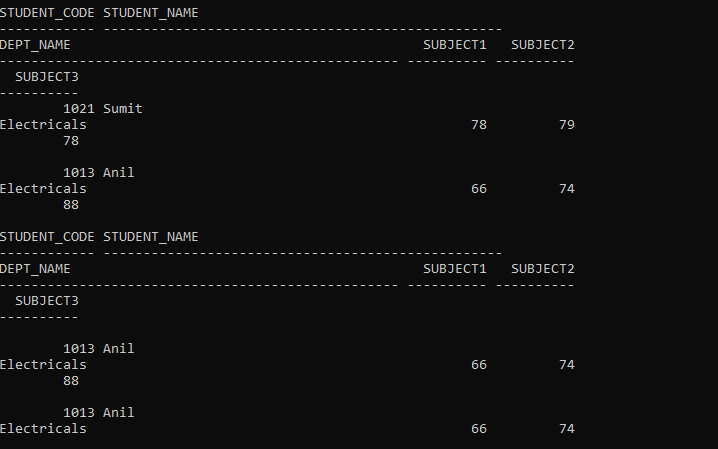


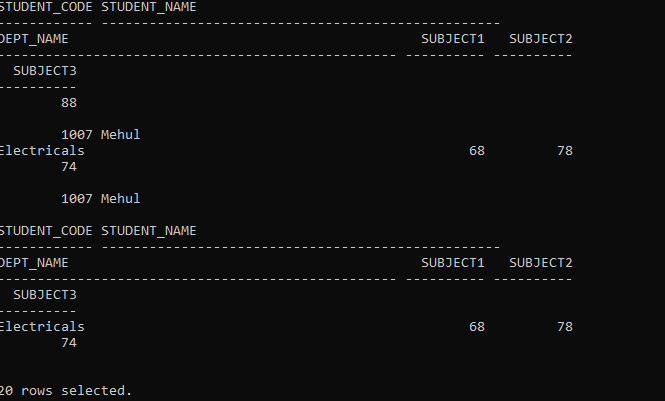
1. SELECT s.student\_code, student\_name, d.dept\_name, m.subject1, m.subject2, m.subject3 FROM student\_masters s, department\_master d, student\_marks m WHERE s.student\_code = m.student\_code AND s.dept\_code = d.dept\_code AND m.subject1 > 60 AND m.subject2 > 60 AND m.subject3 > 60 AND s.dept\_code IN(10,20);

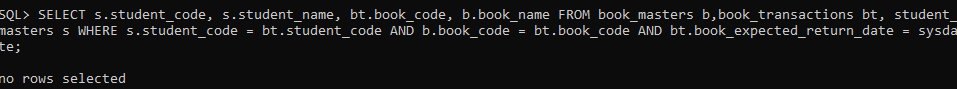




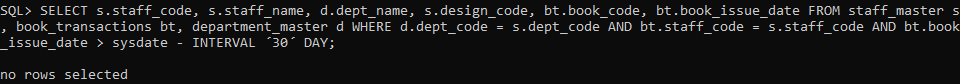




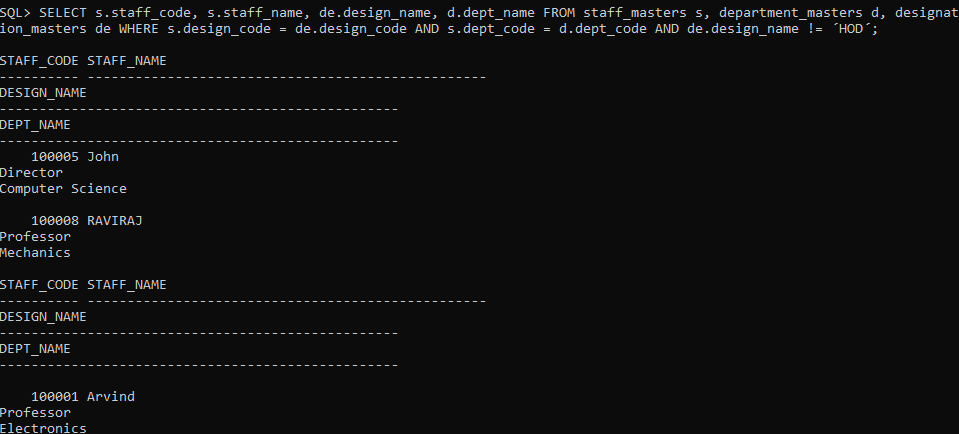
1. SELECT s.student\_code, s.student\_name, bt.book\_code, b.book\_name FROM book\_masters b,book\_transactions bt, student\_masters s WHERE s.student\_code = bt.student\_code AND b.book\_code = bt.book\_code AND bt.book\_expected\_return\_date = sysdate;

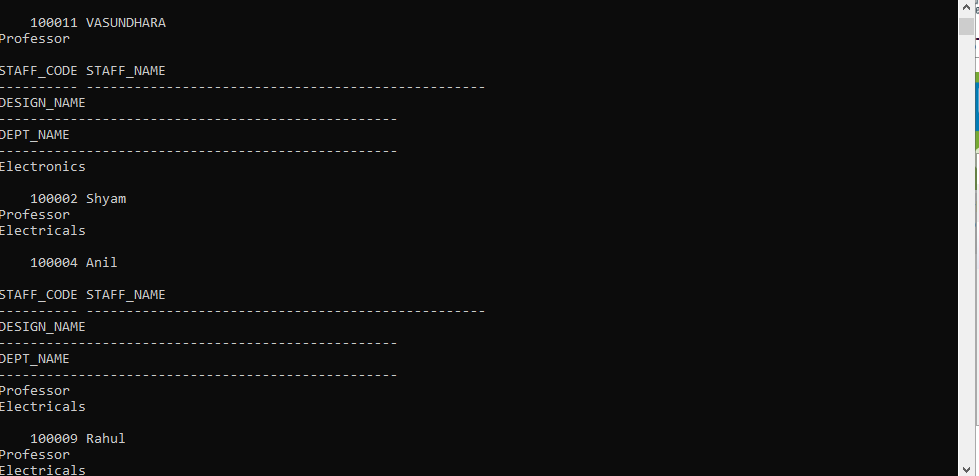


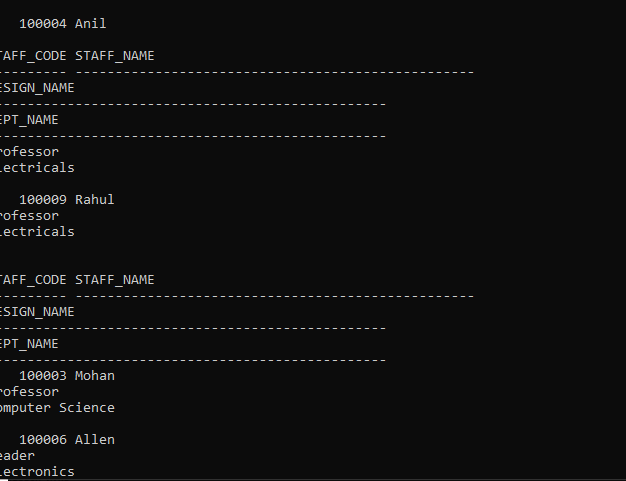
1. SELECT s.staff\_code, s.staff\_name, d.dept\_name, s.design\_code, bt.book\_code, bt.book\_issue\_date FROM staff\_master s, book\_transactions bt, department\_master d WHERE d.dept\_code = s.dept\_code AND bt.staff\_code = s.staff\_code AND bt.book\_issue\_date > sysdate - INTERVAL ´30´ DAY;

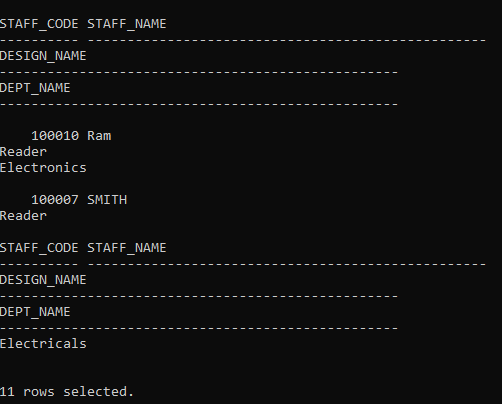


1. SELECT s.staff\_code, s.staff\_name, de.design\_name, d.dept\_name FROM staff\_masters s, department\_masters d, designation\_masters de WHERE s.design\_code = de.design\_code AND s.dept\_code = d.dept\_code AND de.design\_name != ´HOD´;

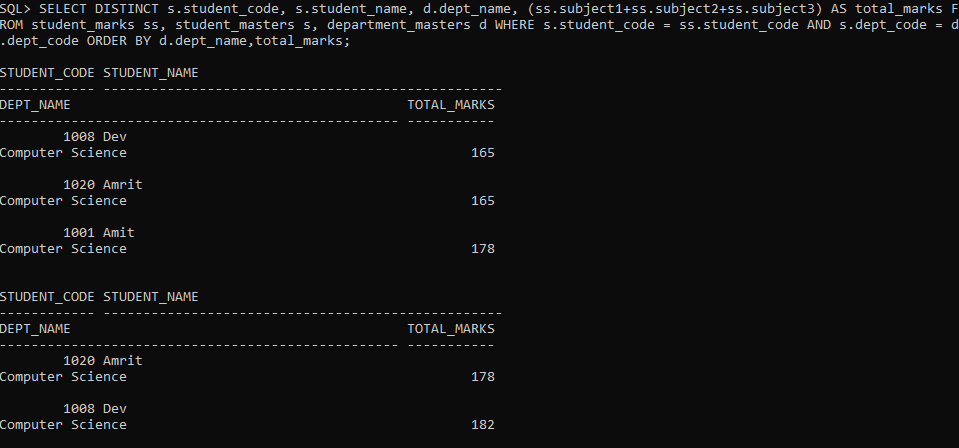


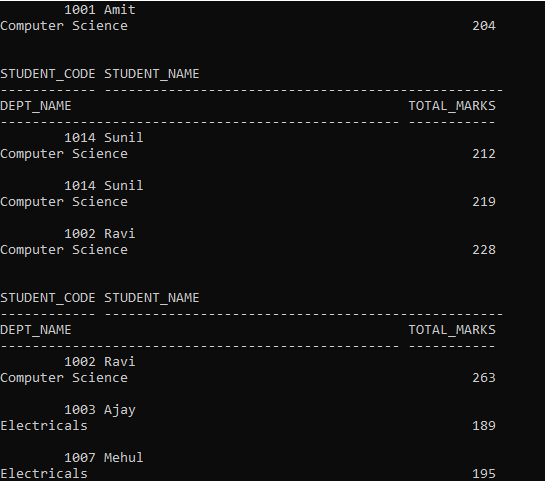


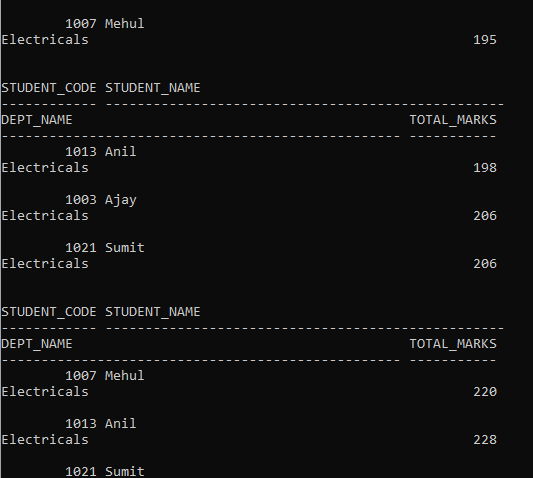


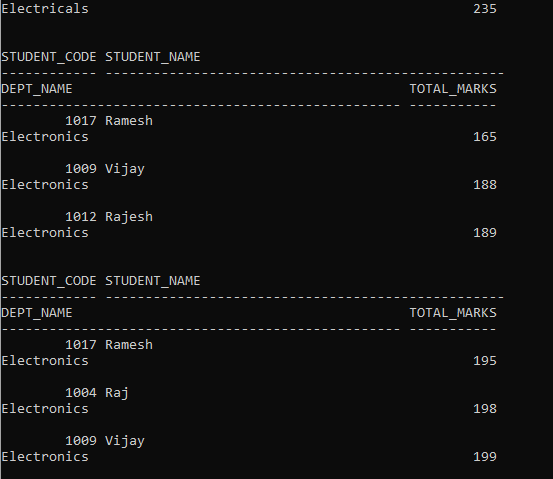


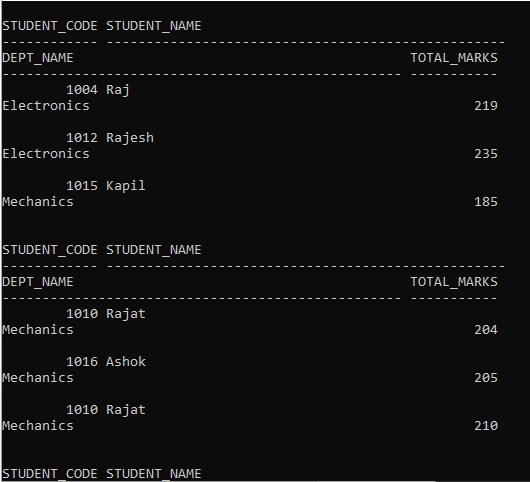
1. SELECT DISTINCT s.student\_code, s.student\_name, d.dept\_name, (ss.subject1+ss.subject2+ss.subject3) AS total\_marks FROM student\_marks ss, student\_masters s, department\_masters d WHERE s.student\_code = ss.student\_code AND s.dept\_code = d.dept\_code ORDER BY d.dept\_name,total\_marks;

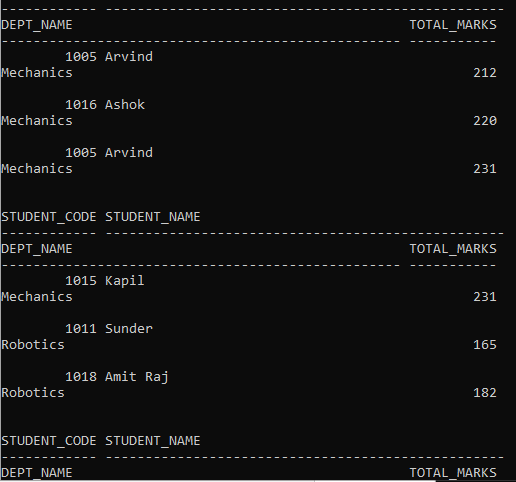


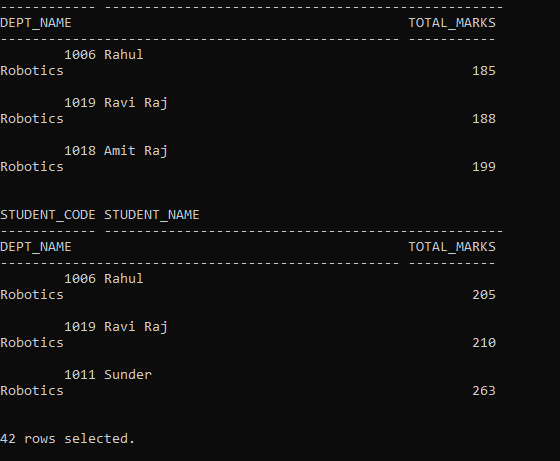












1. SELECT s.staff\_code, s.staff\_name, de.design\_name, d.dept\_name, b.book\_code,

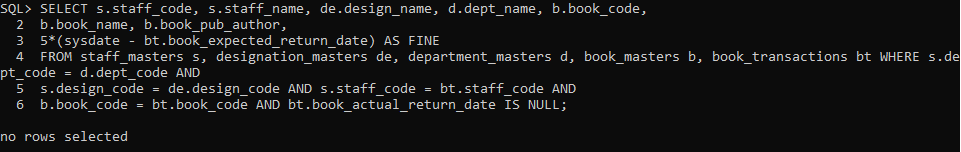
b.book\_name, b.book\_pub\_author,

5\*(sysdate - bt.book\_expected\_return\_date) AS FINE

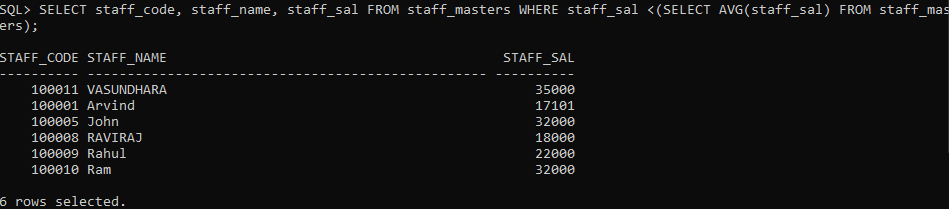
FROM staff\_masters s, designation\_masters de, department\_masters d, book\_masters b, book\_transactions bt WHERE s.dept\_code = d.dept\_code AND

s.design\_code = de.design\_code AND s.staff\_code = bt.staff\_code AND

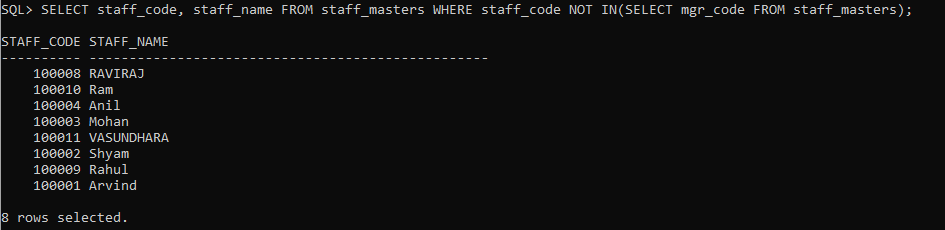
b.book\_code = bt.book\_code AND bt.book\_actual\_return\_date IS NULL;



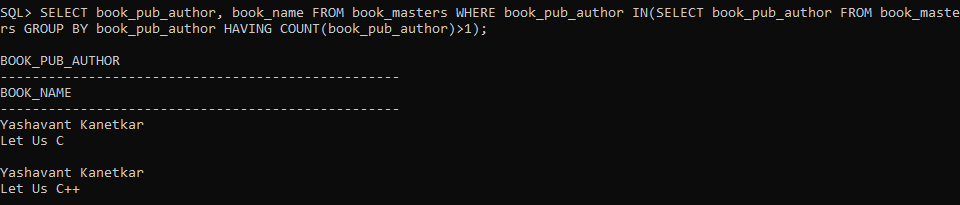
1. SELECT staff\_code, staff\_name, staff\_sal FROM staff\_masters WHERE staff\_sal <(SELECT AVG(staff\_sal) FROM staff\_masters);



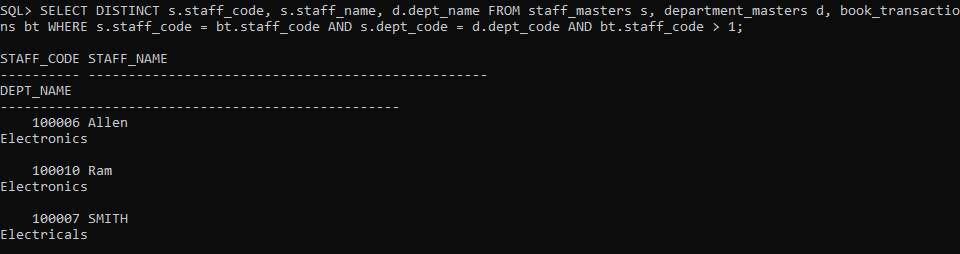
1. SELECT staff\_code, staff\_name FROM staff\_masters WHERE staff\_code NOT IN(SELECT mgr\_code FROM staff\_masters);



1. SELECT book\_pub\_author, book\_name FROM book\_masters WHERE book\_pub\_author IN(SELECT book\_pub\_author FROM book\_masters GROUP BY book\_pub\_author HAVING COUNT(book\_pub\_author)>1);



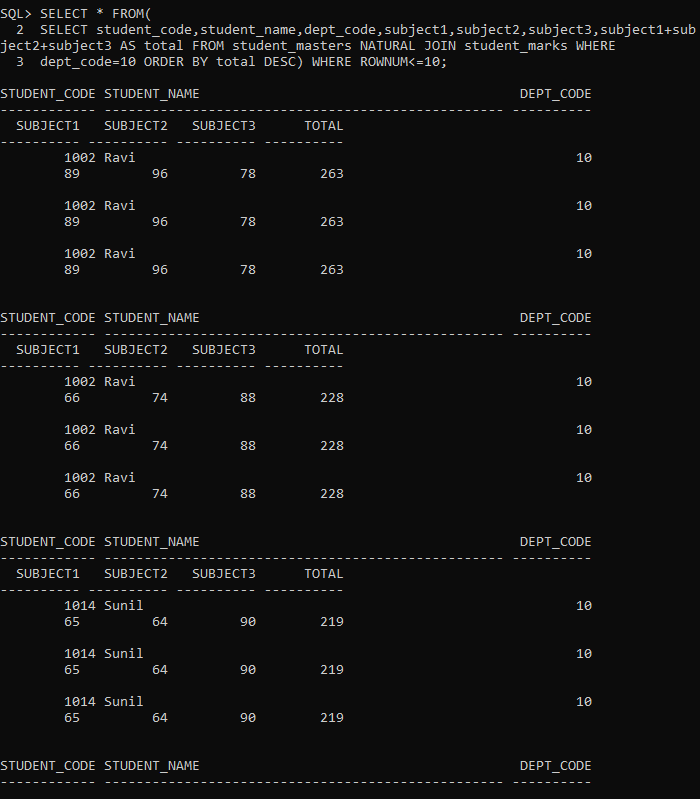
1. SELECT DISTINCT s.staff\_code, s.staff\_name, d.dept\_name FROM staff\_masters s, department\_masters d, book\_transactions bt WHERE s.staff\_code = bt.staff\_code AND s.dept\_code = d.dept\_code AND bt.staff\_code > 1;

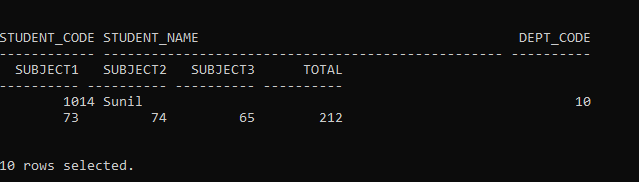


1. SELECT \* FROM(

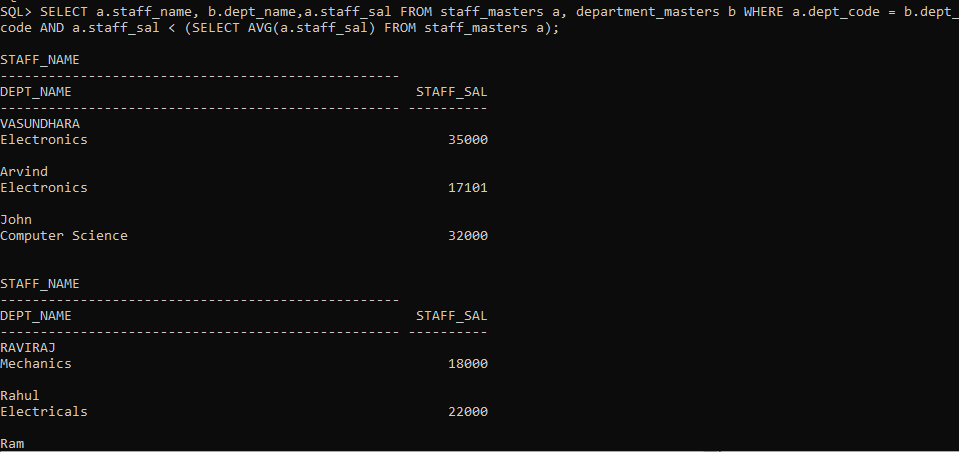
SELECT student\_code,student\_name,dept\_code,subject1,subject2,subject3,subject1+subject2+subject3 AS total FROM student\_masters NATURAL JOIN student\_marks WHERE

dept\_code=10 ORDER BY total DESC) WHERE ROWNUM<=10;





1. SELECT a.staff\_name, b.dept\_name,a.staff\_sal FROM staff\_masters a, department\_masters b WHERE a.dept\_code = b.dept\_code AND a.staff\_sal < (SELECT AVG(a.staff\_sal) FROM staff\_masters a);



1. -
2. SELECT student\_code,student\_name FROM student\_masters NATURAL JOIN student\_marks WHERE dept\_code=10 AND

student\_dob=to\_char(sysdate,´YYYY´) AND

subject1=(

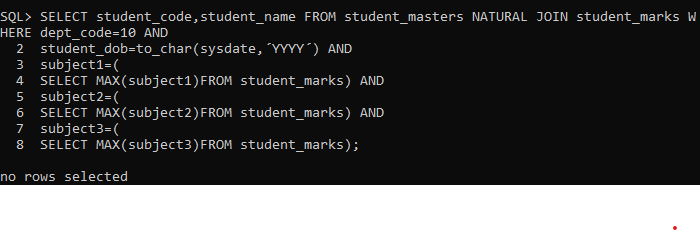
SELECT MAX(subject1)FROM student\_marks) AND

subject2=(

SELECT MAX(subject2)FROM student\_marks) AND

subject3=(

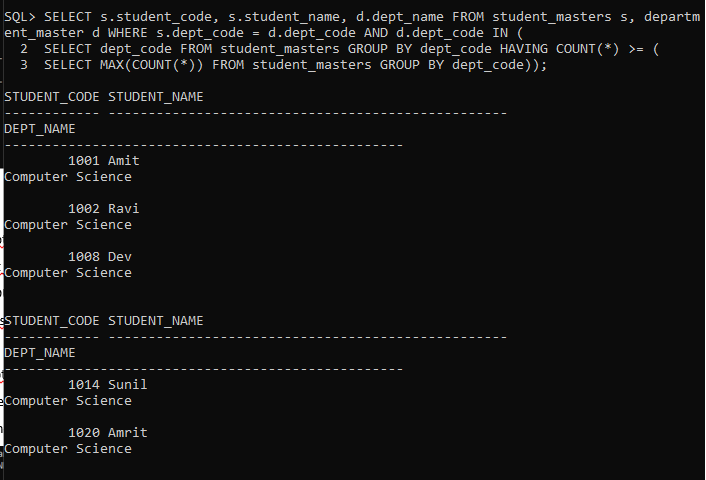
SELECT MAX(subject3)FROM student\_marks);



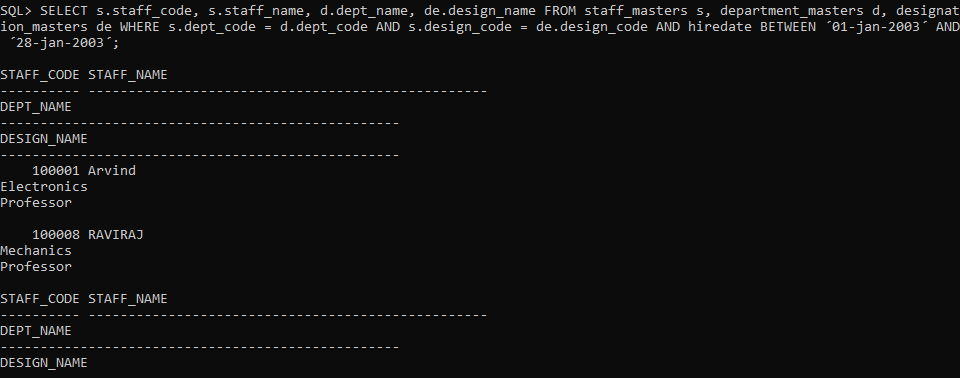
1. SELECT s.student\_code, s.student\_name, d.dept\_name FROM student\_masters s, department\_master d WHERE s.dept\_code = d.dept\_code AND d.dept\_code IN (

SELECT dept\_code FROM student\_masters GROUP BY dept\_code HAVING COUNT(\*) >= (

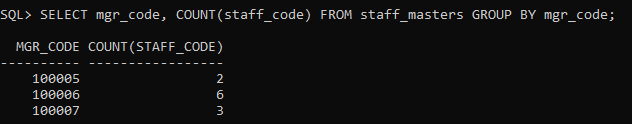
SELECT MAX(COUNT(\*)) FROM student\_masters GROUP BY dept\_code));



1. SELECT s.staff\_code, s.staff\_name, d.dept\_name, de.design\_name FROM staff\_masters s, department\_masters d, designation\_masters de WHERE s.dept\_code = d.dept\_code AND s.design\_code = de.design\_code AND hiredate BETWEEN ´01-jan-2003´ AND ´28-jan-2003´;



1. SELECT mgr\_code, COUNT(staff\_code) FROM staff\_masters GROUP BY mgr\_code;

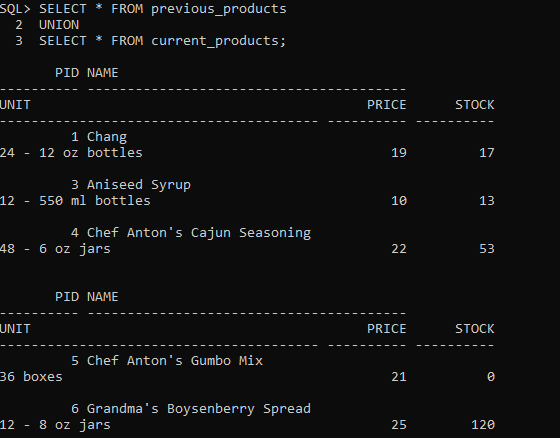


**LAB 3.2**

1. SELECT \* FROM previous\_products

UNION

SELECT \* FROM current\_products;

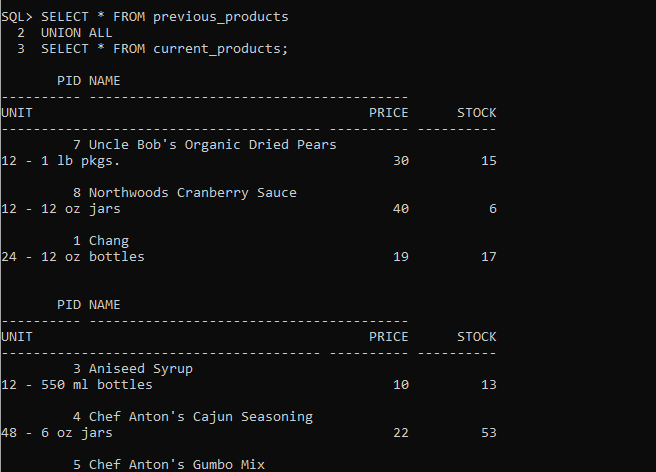




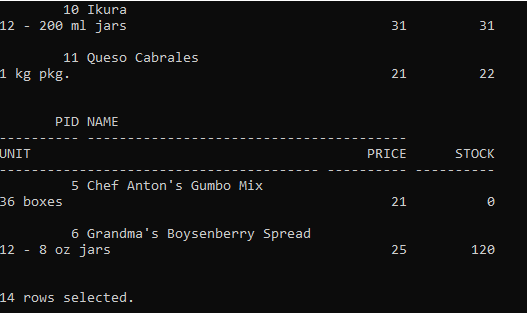
1. SELECT \* FROM previous\_products

UNION ALL

SELECT \* FROM current\_products;







1. SELECT \* FROM previous\_products

INTERSECT

SELECT \* FROM current\_products;





1. SELECT \* FROM previous\_products

MINUS

SELECT \* FROM current\_products;

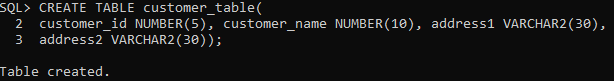


**LAB 4**

1. CREATE TABLE customer\_table(

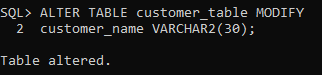
customer\_id NUMBER(5), customer\_name NUMBER(10), address1 VARCHAR2(30),

address2 VARCHAR2(30));



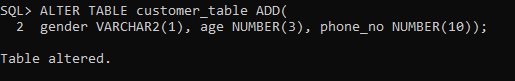
1. ALTER TABLE customer\_table MODIFY

customer\_name VARCHAR2(30);



1. ALTER TABLE customer\_table ADD(

gender VARCHAR2(1), age NUMBER(3), phone\_no NUMBER(10));



1. INSERT INTO customer\_table VALUES(

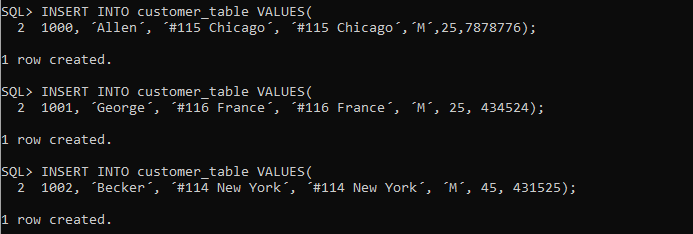
1000, ´Allen´, ´#115 Chicago´, ´#115 Chicago´,´M´,25,7878776);

INSERT INTO customer\_table VALUES(

1001, ´George´, ´#116 France´, ´#116 France´, ´M´, 25, 434524);

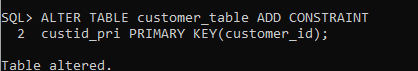
INSERT INTO customer\_table VALUES(

1002, ´Becker´, ´#114 New York´, ´#114 New York´, ´M´, 45, 431525);



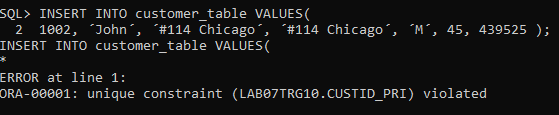
1. ALTER TABLE customer\_table ADD CONSTRAINT

custid\_pri PRIMARY KEY(customer\_id);



1. INSERT INTO customer\_table VALUES(

1002, ´John´, ´#114 Chicago´, ´#114 Chicago´, ´M´, 45, 439525 );



1. ALTER TABLE customer\_table

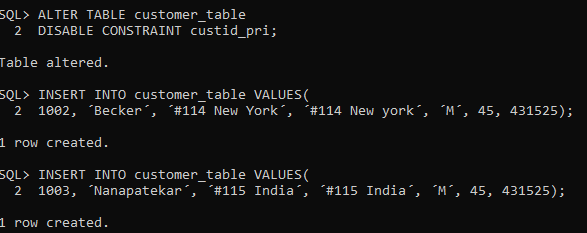
DISABLE CONSTRAINT custid\_pri;

INSERT INTO customer\_table VALUES(

1002, ´Becker´, ´#114 New York´, ´#114 New york´, ´M´, 45, 431525);

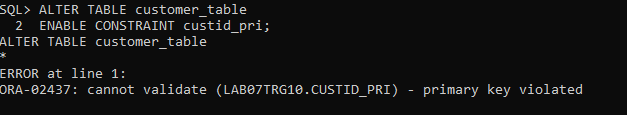
INSERT INTO customer\_table VALUES(

1003, ´Nanapatekar´, ´#115 India´, ´#115 India´, ´M´, 45, 431525);



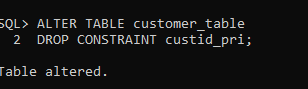
1. ALTER TABLE customer\_table

ENABLE CONSTRAINT custid\_pri;



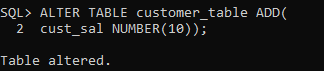
1. ALTER TABLE customer\_table

DROP CONSTRAINT custid\_pri;



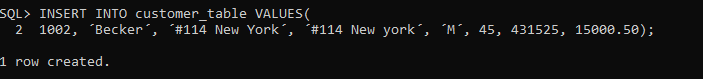
ALTER TABLE customer\_table ADD(

cust\_sal NUMBER(10));



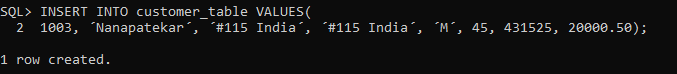
INSERT INTO customer\_table VALUES(

1002, ´Becker´, ´#114 New York´, ´#114 New york´, ´M´, 45, 431525, 15000.50);



INSERT INTO customer\_table VALUES(

1003, ´Nanapatekar´, ´#115 India´, ´#115 India´, ´M´, 45, 431525, 20000.50);

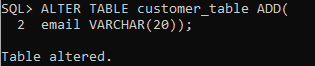


1. TRUNCATE TABLE customer\_table;



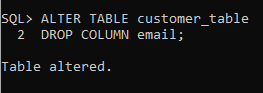
1. ALTER TABLE customer\_table ADD(

E\_mail VARCHAR(20));



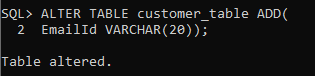
1. ALTER TABLE customer\_table

DROP COLUMN E\_mail;



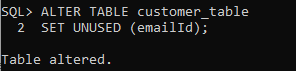
1. ALTER TABLE customer\_table ADD(

EmailId VARCHAR(20));



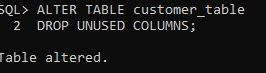
1. ALTER TABLE customer\_table

SET UNUSED (emailId);



1. ALTER TABLE customer\_table

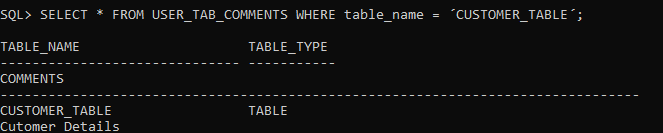
DROP UNUSED COLUMNS;



1. COMMENT ON TABLE customer\_table IS ´Customer Details´;



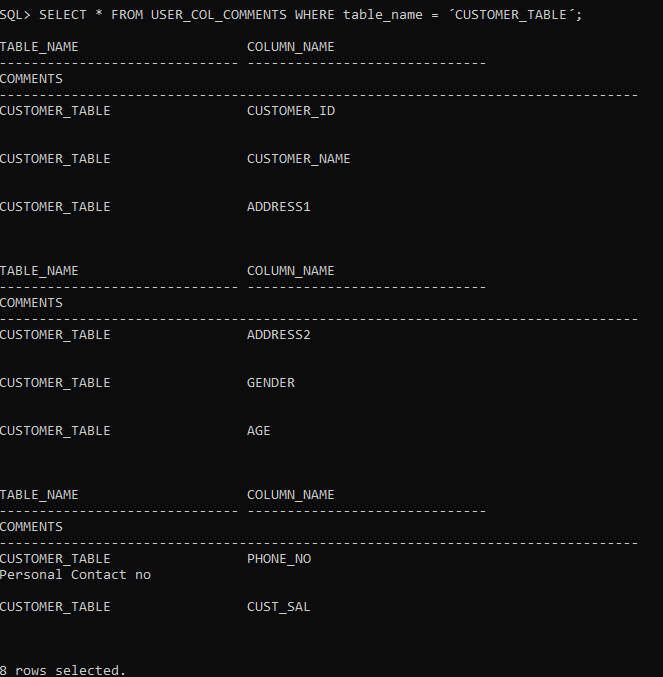
1. SELECT \* FROM USER\_TAB\_COMMENTS WHERE table\_name = ´CUSTOMER\_TABLE´;



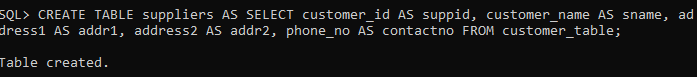
1. COMMENT ON COLUMN customer\_table.phone\_no IS ´Personal Contact no´;



1. SELECT \* FROM USER\_COL\_COMMENTS WHERE table\_name = ´CUSTOMER\_TABLE´;



1. CREATE TABLE suppliers AS SELECT customer\_id AS suppid, customer\_name AS sname, address1 AS addr1, address2 AS addr2, phone\_no AS contactno FROM customer\_table;



1. CREATE TABLE customermasters(

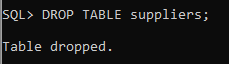
customerid NUMBER(5),

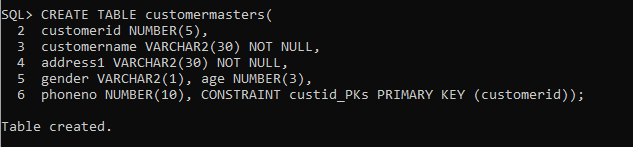
customername VARCHAR2(30) NOT NULL,

address1 VARCHAR2(30) NOT NULL,

gender VARCHAR2(1), age NUMBER(3),

phoneno NUMBER(10), CONSTRAINT custid\_PK PRIMARY KEY (customerid));





1. CREATE SEQUENCE acc

START WITH 1000

INCREMENT BY 1

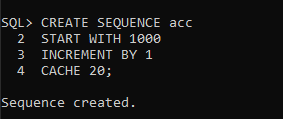
CACHE 20;

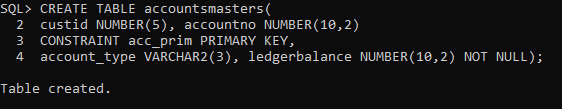
CREATE TABLE accountsmasters(

custid NUMBER(5), accountno NUMBER(10,2)

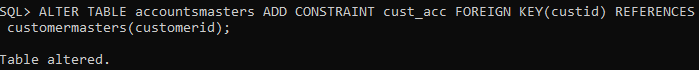
CONSTRAINT acc\_prim PRIMARY KEY,

account\_type VARCHAR2(3), ledgerbalance NUMBER(10,2) NOT NULL);





1. ALTER TABLE accountsmasters ADD CONSTRAINT cust\_acc FOREIGN KEY(custid) REFERENCES customermasters(customerid);



1. INSERT INTO customermasters VALUES(

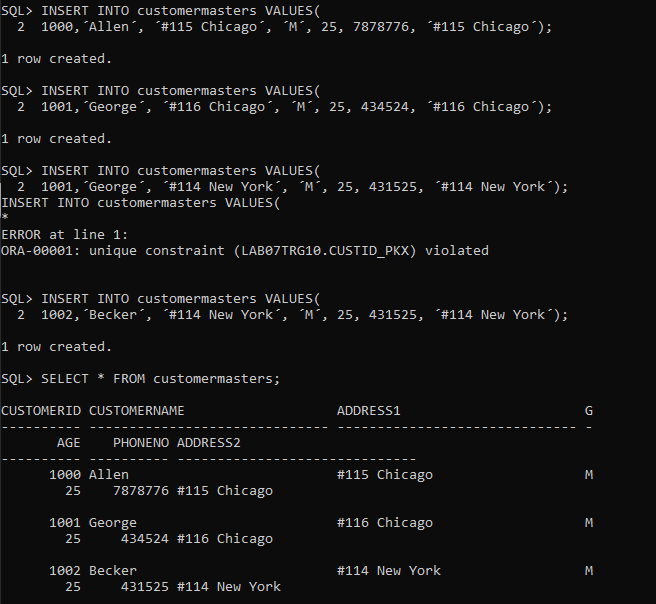
1000,´Allen´, ´#115 Chicago´, ´M´, 25, 7878776, ´#115 Chicago´);

INSERT INTO customermasters VALUES(

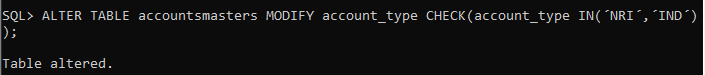
1001,´George´, ´#116 Chicago´, ´M´, 25, 434524, ´#116 Chicago´);

INSERT INTO customermasters VALUES(

1002,´Becker´, ´#114 New York´, ´M´, 25, 431525, ´#114 New York´);

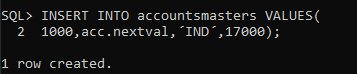


1. ALTER TABLE accountsmasters MODIFY account\_type CHECK(account\_type IN(´NRI´,´IND´));

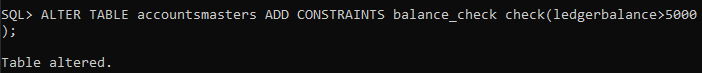


1. INSERT INTO accountsmasters VALUES(

1000,acc.nextval,´IND´,17000);



1. ALTER TABLE accountsmasters ADD CONSTRAINTS balance\_check check(ledgerbalance>5000);



1. CREATE TRIGGER acc\_trigger

AFTER

DELETE ON customermasters

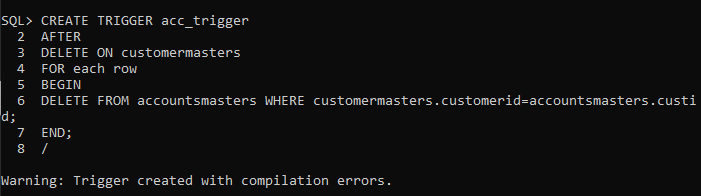
FOR each row

BEGIN

DELETE FROM accountsmasters WHERE customermasters.customerid=accountsmasters.custid;

END;

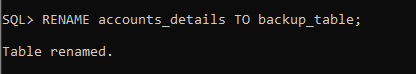
/



1. CREATE TABLE accounts\_details AS SELECT \* FROM accountsmasters;



1. RENAME accounts\_details TO backup\_table;



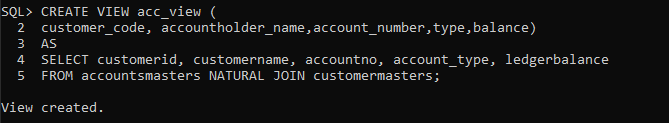
1. CREATE VIEW acc\_view (

customer\_code, accountholder\_name,account\_number,type,balance)

AS

SELECT customerid, customername, accountno, account\_type, ledgerbalance

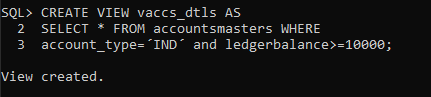
FROM accountsmasters NATURAL JOIN customermasters;



1. CREATE VIEW vaccs\_dtls AS

SELECT \* FROM accountsmasters WHERE

account\_type=´IND´ and ledgerbalance>=10000;



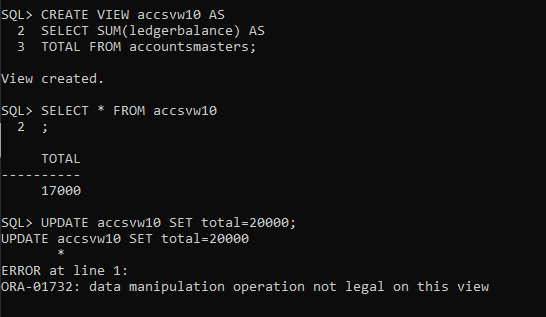
1. CREATE VIEW accsvw10 AS

SELECT SUM(ledgerbalance) AS

TOTAL FROM accountsmasters;

SELECT \* FROM accsvw10;

UPDATE accsvw10 SET total=20000;

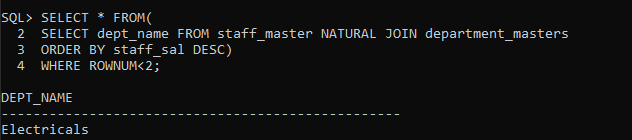


1. SELECT \* FROM(

SELECT dept\_name FROM staff\_master NATURAL JOIN department\_masters

ORDER BY staff\_sal DESC)

WHERE ROWNUM<2;

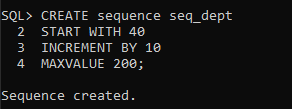


1. -
2. CREATE sequence seq\_dept

START WITH 40

INCREMENT BY 10

MAXVALUE 200;

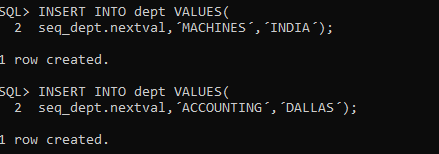


1. INSERT INTO dept VALUES(

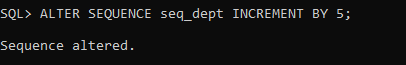
seq\_dept.nextval,´MACHINES´,´INDIA´);

INSERT INTO dept VALUES(

seq\_dept.nextval,´ACCOUNTING´,´DALLAS´);



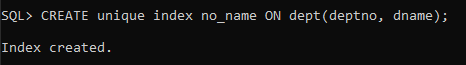
1. ALTER SEQUENCE seq\_dept INCREMENT BY 5;



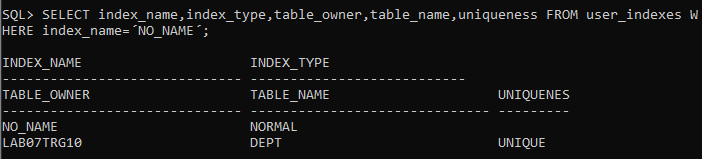
1. DROP SEQUENCE seq\_dept;



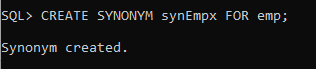
1. CREATE unique index no\_name ON dept(deptno, dname);



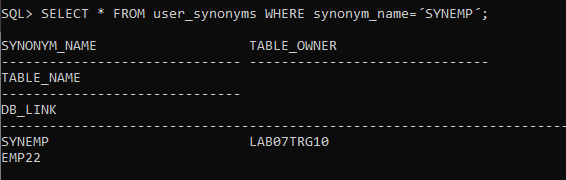
1. SELECT index\_name,index\_type,table\_owner,table\_name,uniqueness FROM user\_indexes WHERE index\_name=´NO\_NAME´;



1. CREATE SYNONYM synEmpx FOR emp;



1. SELECT \* FROM user\_synonyms WHERE synonym\_name=´SYNEMP´;

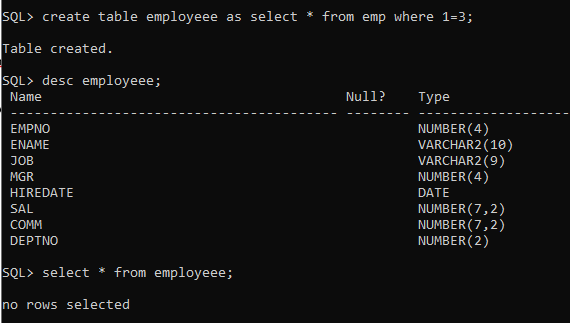


**LAB 5**

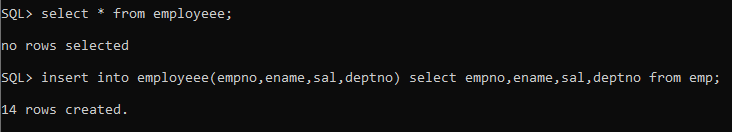
1. create table employeee as select \* from emp where 1=3;

desc employeee;

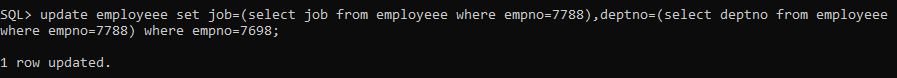
select \* from employeee;



1. insert into employeee(empno,ename,sal,deptno) select empno,ename,sal,deptno from emp;



1. update employeee set job=(select job from employeee where empno=7788),deptno=(select deptno from employeee where empno=7788) where empno=7698;



1. delete from department1 where dept\_name = ´sales´;



1. update employeee set deptno=(select deptno from employeee where empno=7698) where empno=7788;



1. insert into employeee values(&empno,&ename,&job,&mgr,&hiredate,&sal,&comm,&deptno);

Enter value for empno: 1000

Enter value for ename: ´allen´

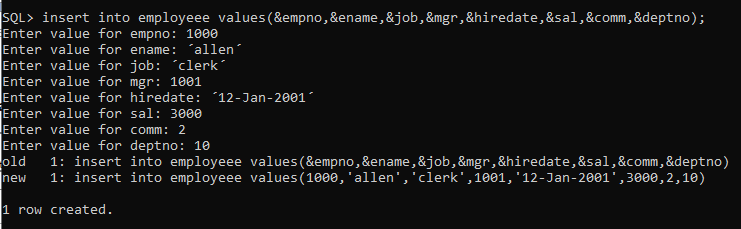
Enter value for job: ´clerk´

Enter value for mgr: 1001

Enter value for hiredate: ´12-Jan-2001´

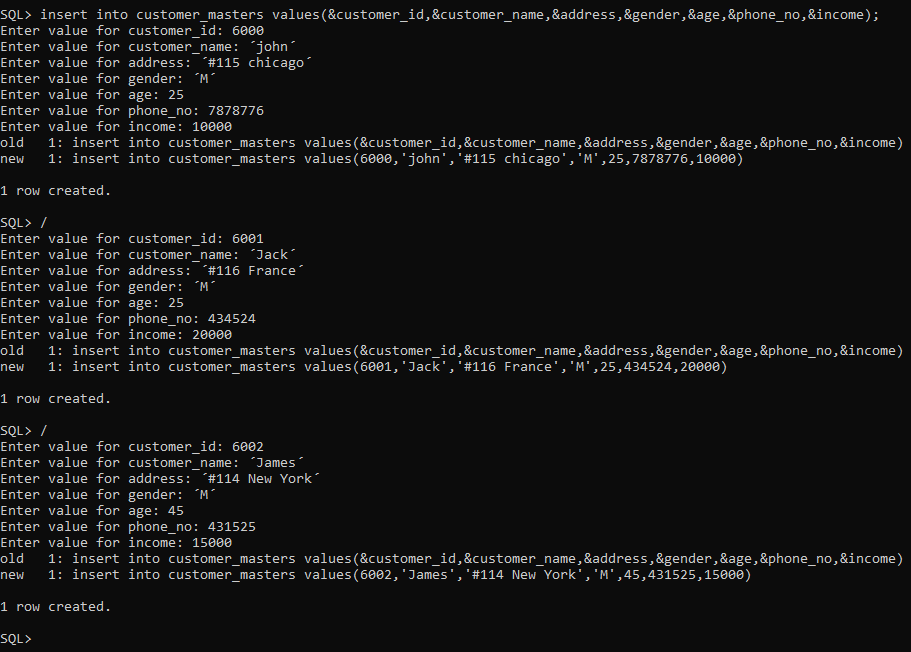
Enter value for sal: 3000

Enter value for comm: 2

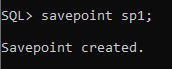
Enter value for deptno: 10

**LAB 6**

1. insert into customer\_masters values(&customer\_id,&customer\_name,&address,&gender,&age,&phone\_no,&income);



1. savepoint sp1;



1. insert into customer\_masters values(6003,'John','#114 chicago','M',45,439525,19000);



1. rollback to sp1;

