**WORKSHEET 1**

**Student Name:** Vivek Kumar **UID:** 21BCS8129

**DOMAIN CAMP:** 16-01-2023 to 28-01-2023 **Section/Group:** DWWC-77

**Subject Name:** Database Management System

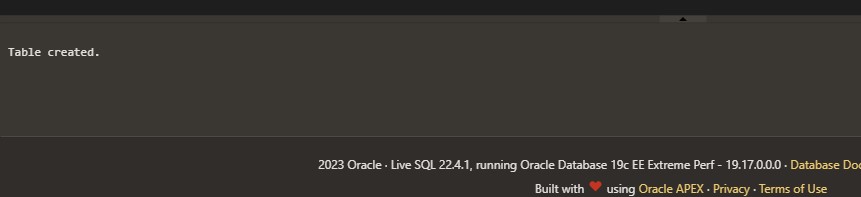
**Question 1. Consider the following schema**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ord\_no** | **purch\_amt** | **ord\_date** | **customer\_id** | **salesman\_id** |
| **70001** | **150.5** | **2012-10-05** | **3005** | **5002** |
| **70009** | **270.65** | **2012-09-10** | **3001** | **5005** |
| **70002** | **65.26** | **2012-10-05** | **3002** | **5001** |
| **70004** | **110.5** | **2012-08-17** | **3009** | **5003** |
| **70007** | **948.5** | **2012-09-10** | **3005** | **5002** |
| **70005** | **2400.6** | **2012-07-27** | **3007** | **5001** |
| **70008** | **5760** | **2012-09-10** | **3002** | **5001** |
| **70010** | **1983.43** | **2012-10-10** | **3004** | **5006** |
| **70003** | **2480.4** | **2012-10-10** | **3009** | **5003** |
| **70012** | **250.45** | **2012-06-27** | **3008** | **5002** |
| **70011** | **75.29** | **2012-08-17** | **3003** | **5007** |
| **70013** | **3045.6** | **2012-04-25** | **3002** | **5001** |

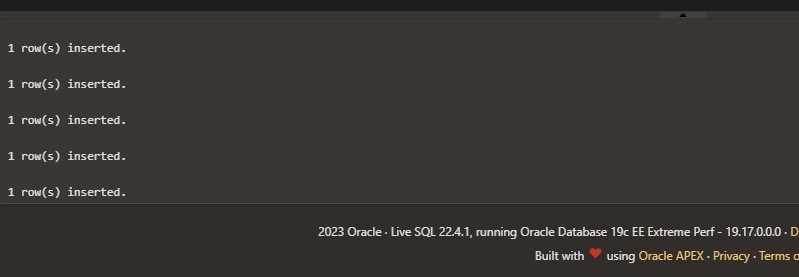
1. Create the table orders with columns order\_no number type, purch\_amt number(precision, scale), ord\_date date, customer\_id number and salesman\_id number
2. Insert the values as given in the table
3. Add customer name, email address and contact\_number columns in the given table
4. Add column gender in the table with single character value.
5. Update the values of newly added columns in the records.
6. Create another table orders\_completed with ord\_no, purch\_amt, ord\_date and customer name, email\_address and contact number. Then copy the information of details from orders table where date is 10th October 2012.

**Solution:**

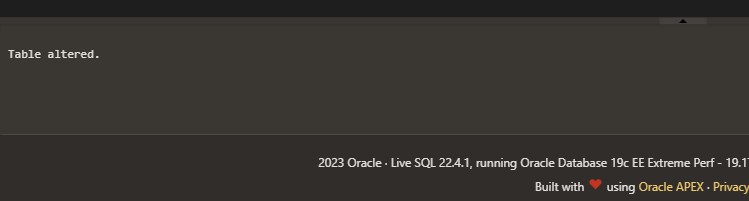
Create Table orders(order\_no number, purch\_amt number(6,2), order\_date date, customer\_id number, salesman\_id number);



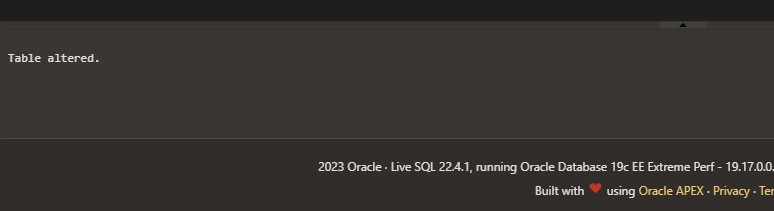
insert into orders values(70009, 270.65, to\_date('10-09-2012', 'DD-MM-YYYY'),3001, 5005); insert into orders values(70002, 65.26, to\_date('05-10-2012', 'DD-MM-YYYY'),3002, 5001); insert into orders values(70004, 110.5, to\_date('17-08-2012', 'DD-MM-YYYY'),3009, 5003); insert into orders values(70007, 948.5, to\_date('10-09-2012', 'DD-MM-YYYY'),3005, 5002); insert into orders values(70005, 2400.6, to\_date('27-07-2012', 'DD-MM-YYYY'),3007, 5001); insert into orders values(70008, 5760, to\_date('10-09-2012', 'DD-MM-YYYY'),3002, 5001); insert into orders values(70010, 1983.43, to\_date('10-10-2012', 'DD-MM-YYYY'),3004, 5006); insert into orders values(70003, 2480.4, to\_date('10-10-2012', 'DD-MM-YYYY'),3009, 5003); insert into orders values(70012, 250.45, to\_date('27-06-2012', 'DD-MM-YYYY'),3008, 5002); insert into orders values(70011, 75.29, to\_date('17-08-2012', 'DD-MM-YYYY'),3003, 5007); insert into orders values(70013, 3045.6, to\_date('25-04-2012', 'DD-MM-YYYY'),3002, 5001); insert into orders values(70001, 150.5, to\_date('05-10-2012', 'DD-MM-YYYY'),3005, 5002);



Alter Table orders add(customer\_name Varchar(20), email\_address varchar(50), contact\_number number);



Alter Table orders add(gender character(1));



insert into orders values(70010, 1983.43, to\_date('10-10-2012', 'DD-MM-YYYY'),3004, 5006, 'Sam', 'sam@cuchd.in',

87653, 'M');

insert into orders values(70003, 2480.4, to\_date('10-10-2012', 'DD-MM-YYYY'),3009, 5003, 'Max', 'max@cuchd.in',

987521, 'M');

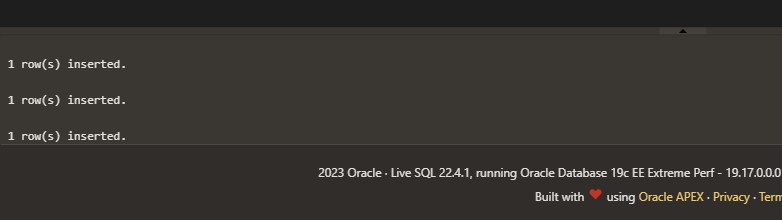
insert into orders values(70012, 250.45, to\_date('27-06-2012', 'DD-MM-YYYY'),3008, 5002, 'Jannat Baweja',

'jannat.baweja@gmail.com', 98775, 'F');

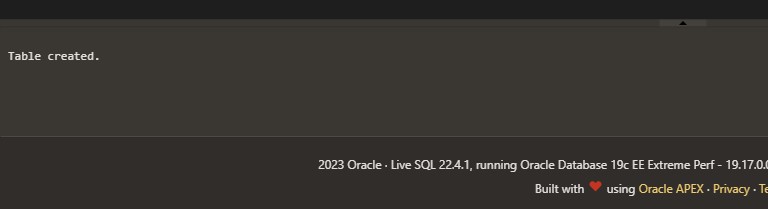
insert into orders values(70011, 75.29, to\_date('17-08-2012', 'DD-MM-YYYY'),3003, 5007, 'Ann', 'ann@cuchd.in',

134642, 'F');

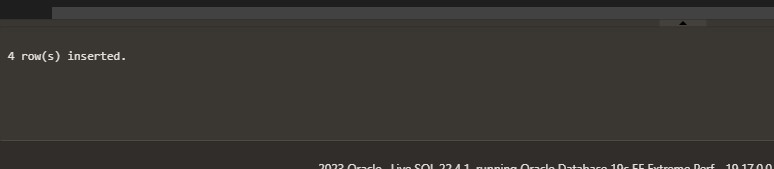
insert into orders values(70013, 3045.6, to\_date('25-04-2012', 'DD-MM-YYYY'),3002, 5001, 'Robin', 'robin@cuchd.in', 98436, 'M');



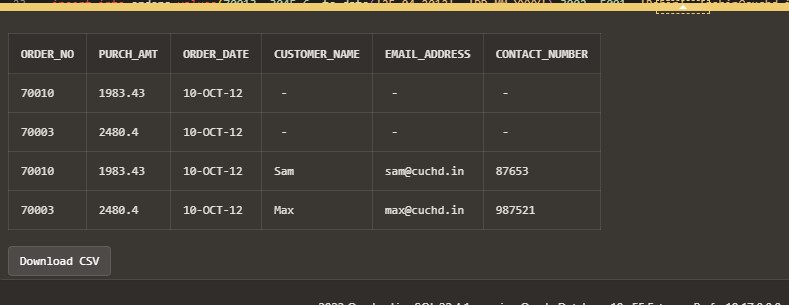
Create Table orders\_completed(order\_no number, purch\_amt number(6,2), order\_date date, customer\_name Varchar(20), email\_address varchar(50), contact\_number number);



INSERT INTO orders\_completed (order\_no, purch\_amt, order\_date, customer\_name, email\_address, contact\_number) SELECT order\_no, purch\_amt, order\_date, customer\_name, email\_address, contact\_number FROM orders WHERE order\_date = date '2012-10-10';



select \* from orders\_completed;



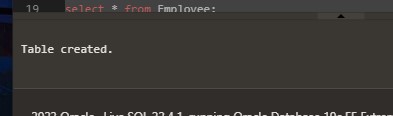
**Question2. Consider the following schema**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | FNAME | LNAME | GENDER | SALARY | HIREDATE |
| 1 | Rajveer | Singh | M | 30000 | 2017/11/05 |
| 2 | Manveer | Singh | M | 50000 | 2017/11/05 |
| 3 | Ashutosh | Kumar | M | 40000 | 2017/12/12 |
| 4 | Ankita | Sharma | **F** | 45000 | 2017/12/15 |
| 5 | Vijay | Kumar | **M** | 50000 | 2018/01/12 |
| 6 | Dilip | Yadav | M | 25000 | 2018/02/26 |
| 7 | Jayvijay | Singh | M | 30000 | 2018/02/18 |
| 8 | Reenu | Kumari | F | 40000 | 2017/09/19 |
| 9 | Ankit | Verma | **M** | 25000 | 2018/04/04 |
| 10 | Harpreet | Singh | M | 50000 | 2017/10/10 |

1. Create table Employee.
2. Insert the values as mentioned.
3. Add column Employee ID as identity column.
4. Modify the column salary to store floating point values.
5. Rename the attribute FNAME to Emp\_name.
6. Drop column LNAME from the employee table.
7. Add column Department with default value as ‘CSE’
8. Add an annual increment to the salary of employee whose joining date is 19th September 2017.
9. Modify the department value of DILIP and VIJAY to ME
10. Delete the employees belonging to ME department

**Solution:**

CREATE TABLE Employee ( ID INTEGER, FNAME VARCHAR(20), LNAME VARCHAR(20), GENDER CHAR(1), SALARY INTEGER, HIREDATE DATE);



INSERT INTO Employee VALUES(1,'RAJVEER','SINGH','M',30000,DATE '2017-11- 05');

INSERT INTO Employee VALUES(2,'MANVEER','SINGH','M',50000,DATE '2017-11- 05');

INSERT INTO Employee VALUES(3,'ASHUTOSH','KUMAR','M',40000,DATE '2017-12- 12');

INSERT INTO Employee VALUES(4,'ANKITA','SHARMA','F',45000,DATE '2017-12- 15');

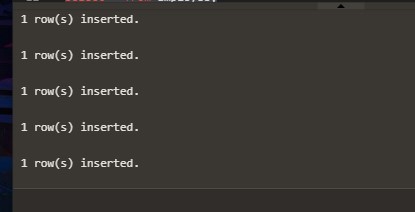
INSERT INTO Employee VALUES(5,'VIJAY','KUMAR','M',50000,DATE '2018-01-12');

INSERT INTO Employee VALUES(6,'DILIP','YADAV','M',25000,DATE '2018-02-26');

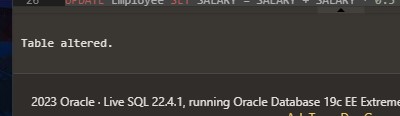
INSERT INTO Employee VALUES(7,'JAYVIJAY','SINGH','M',30000,DATE '2018-02- 18');

INSERT INTO Employee VALUES(8,'REENU','KUMARI','F',40000,DATE '2017-09-19');

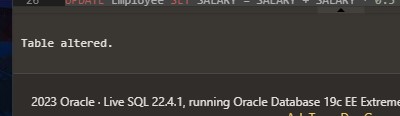
INSERT INTO Employee VALUES(9,'ANKIT','VERMA','M',25000,DATE '2018-04-04'); INSERT INTO Employee VALUES(10,'HARPREET','SINGH','M',50000,DATE '2017-10- 10'); select \* from Employee;



ALTER TABLE Employee ADD EMPLOYEE\_ID INTEGER GENERATED BY DEFAULT ON NULL AS IDENTITY START WITH 1;

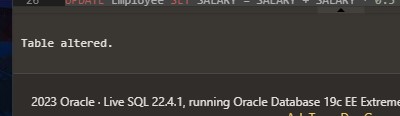


ALTER TABLE Employee MODIFY SALARY FLOAT;

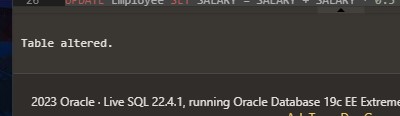


ALTER TABLE Employee RENAME COLUMN FNAME TO EMP\_NAME;

select \* from Employee;

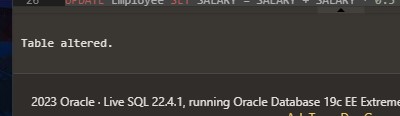


ALTER TABLE Employee DROP COLUMN LNAME;

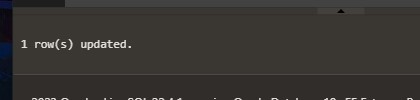


ALTER TABLE Employee ADD DEPARTMENT VARCHAR(20) DEFAULT('CSE');

select \* from Employee;



UPDATE Employee SET SALARY = SALARY + SALARY \* 0.5 WHERE HIREDATE = DATE '2017-09-19';

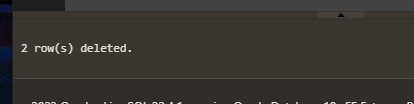


UPDATE Employee SET DEPARTMENT='ME' WHERE EMP\_NAME='DILIP'; UPDATE Employee SET DEPARTMENT='ME' WHERE EMP\_NAME='VIJAY';

select \* from Employee;



DELETE FROM EMPLOYEE WHERE DEPARTMENT='ME';



**Q3. Consider the table in question 2**

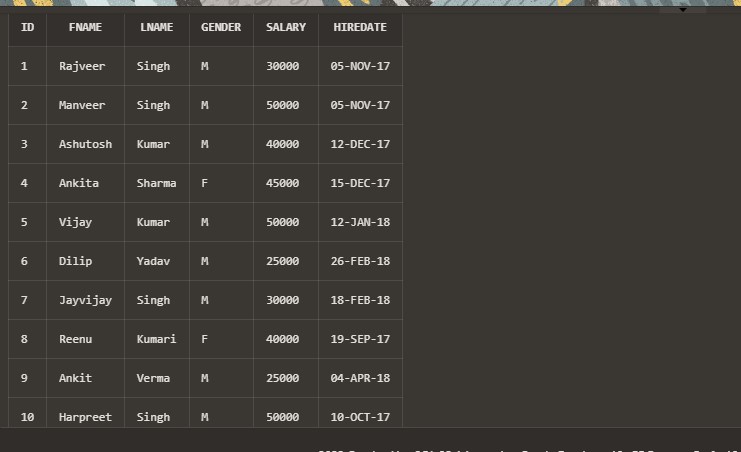
1. Apply Truncate command
2. Apply Drop command
3. Apply Delete command to delete all records at once.

Analyze the difference.

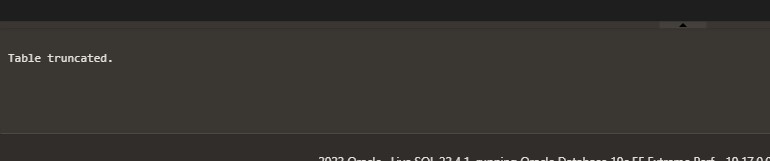
**Solution:**

Create Table Employee(id number, Fname Varchar(20), Lname Varchar(20), Gender Character(1), salary number, hiredate date); insert into Employee values(1, 'Rajveer', 'Singh', 'M', 30000, to\_date('05-11-2017', 'DD-MM-YYYY')); insert into Employee values(2, 'Manveer','Singh', 'M', 50000, to\_date('05-11-2017', 'DD-MM-YYYY')); insert into Employee values(3, 'Ashutosh', 'Kumar', 'M', 40000, to\_date('12-12-2017', 'DD-MM-YYYY')); insert into Employee values(4, 'Ankita','Sharma', 'F', 45000, to\_date('15-12-2017', 'DD-MM-YYYY'));

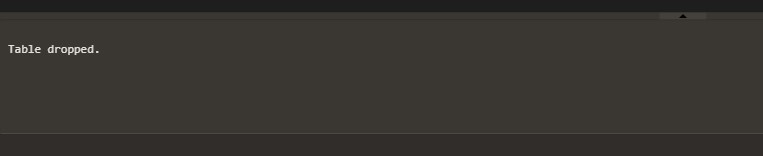
insert into Employee values(5, 'Vijay', 'Kumar', 'M', 50000, to\_date('12-01-2018', 'DD-MM-YYYY')); insert into Employee values(6, 'Dilip', 'Yadav', 'M', 25000, to\_date('26-02-2018', 'DD-MM-YYYY')); insert into Employee values(7, 'Jayvijay','Singh', 'M', 30000, to\_date('18-02-2018', 'DD-MM-YYYY')); insert into Employee values(8, 'Reenu', 'Kumari', 'F', 40000, to\_date('19-09-2017', 'DD-MM-YYYY')); insert into Employee values(9, 'Ankit', 'Verma', 'M', 25000, to\_date('04-04-2018', 'DD-MM-YYYY')); insert into Employee values(10, 'Harpreet','Singh', 'M', 50000, to\_date('10-10-2017', 'DD-MM-YYYY')); Select \* from Employee;



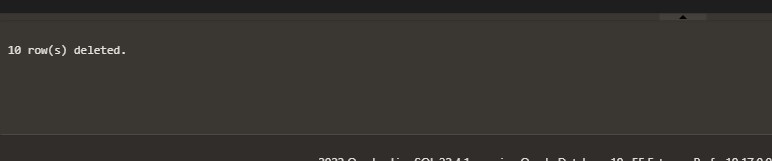
Truncate Table Employee;



Drop Table Employee;



Delete from Employee;



**Q4. Consider the following schema**

|CUST\_CODE | CUST\_NAME | CUST\_CITY | WORKING\_AREA | CUST\_COUNTRY | GRADE |

OPENING\_AMT | RECEIVE\_AMT | PAYMENT\_AMT |OUTSTANDING\_AMT| PHONE\_NO | AGENT\_CODE |

+-----------+-------------+-------------+--------------+--------------+-------+-------------+-------------+-------------+---------------+--

------------+------------+

| C00013 | Holmes | London | London | UK | 2 | 6000.00 | 5000.00 | 7000.00 | 4000.00 | BBBBBBB | A003 |

| C00001 | Micheal | New York | New York | USA | 2 | 3000.00 | 5000.00 | 2000.00 | 6000.00 | CCCCCCC | A008 |

| C00020 | Albert | New York | New York | USA | 3 | 5000.00 | 7000.00 | 6000.00 | 6000.00 | BBBBSBB | A008 |

| C00025 | Ravindran | Bangalore | Bangalore | India | 2 | 5000.00 | 7000.00 | 4000.00 | 8000.00 | AVAVAVA | A011 |

| C00024 | Cook | London | London | UK | 2 | 4000.00 | 9000.00 | 7000.00 | 6000.00 | FSDDSDF | A006 |

| C00015 | Stuart | London | London | UK | 1 | 6000.00 | 8000.00 | 3000.00 | 11000.00 | GFSGERS | A003 |

| C00002 | Bolt | New York | New York | USA | 3 | 5000.00 | 7000.00 | 9000.00 | 3000.00 |

DDNRDRH | A008 |

| C00018 | Fleming | Brisban | Brisban | Australia | 2 | 7000.00 | 7000.00 | 9000.00 | 5000.00 | NHBGVFC | A005 |

| C00021 | Jacks | Brisban | Brisban | Australia | 1 | 7000.00 | 7000.00 | 7000.00 | 7000.00 | WERTGDF | A005 |

| C00019 | Yearannaidu | Chennai | Chennai | India | 1 | 8000.00 | 7000.00 | 7000.00 | 8000.00 | ZZZZBFV | A010 |

| C00005 | Sasikant | Mumbai | Mumbai | India | 1 | 7000.00 | 11000.00 | 70f00.00 | 11000.00 | 147-25896312 | A002 |

| C00007 | Ramanathan | Chennai | Chennai | India | 1 | 7000.00 | 11000.00 | 9000.00 | 9000.00 | GHRDWSD | A010 |

| C00022 | Avinash | Mumbai | Mumbai | India | 2 | 7000.00 | 11000.00 | 9000.00 | 9000.00 | 113-12345678 | A002 |

| C00004 | Winston | Brisban | Brisban | Australia | 1 | 5000.00 | 8000.00 | 7000.00 | 6000.00 | AAAAAAA | A005 |

| C00023 | Karl | London | London | UK | 0 | 4000.00 | 6000.00 | 7000.00 | 3000.00 | AAAABAA | A006 |

| C00006 | Shilton | Torento | Torento | Canada | 1 | 10000.00 | 7000.00 | 6000.00 | 11000.00 | DDDDDDD | A004 |

| C00010 | Charles | Hampshair | Hampshair | UK | 3 | 6000.00 | 4000.00 | 5000.00 | 5000.00 | MMMMMMM | A009 |

| C00017 | Srinivas | Bangalore | Bangalore | India | 2 | 8000.00 | 4000.00 | 3000.00 | 9000.00 | AAAAAAB | A007 |

| C00012 | Steven | San Jose | San Jose | USA | 1 | 5000.00 | 7000.00 | 9000.00 | 3000.00 | KRFYGJK | A012 |

| C00008 | Karolina | Torento | Torento | Canada | 1 | 7000.00 | 7000.00 | 9000.00 | 5000.00 | HJKORED | A004 |

| C00003 | Martin | Torento | Torento | Canada | 2 | 8000.00 | 7000.00 | 7000.00 | 8000.00 | MJYURFD | A004 |

| C00009 | Ramesh | Mumbai | Mumbai | India | 3 | 8000.00 | 7000.00 | 3000.00 | 12000.00 |

Phone No | A002 |

| C00014 | Rangarappa | Bangalore | Bangalore | India | 2 | 8000.00 | 11000.00 | 7000.00 | 12000.00 |

AAAATGF | A001 |

| C00016 | Venkatpati | Bangalore | Bangalore | India | 2 | 8000.00 | 11000.00 | 7000.00 | 12000.00 | JRTVFDD | A007 |

| C00011 | Sundariya | Chennai | Chennai | India | 3 | 7000.00 | 11000.00 | 7000.00 | 11000.00 | PPHGRTS | A010 |

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**Create the table Customer\_details with following columns**

CUST\_CODE

CUST\_NAME

CUST\_CITY

WORKING\_AREA

CUST\_COUNTRY

GRADE

OPENING\_AMT

RECEIVE\_AMT

PAYMENT\_AMT

OUTSTANDING\_AMT

PHONE\_NO

AGENT\_CODE

**Insert the values as shown in the table**

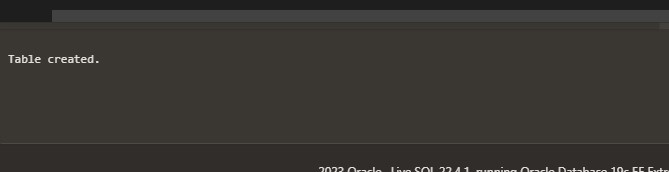
**Perform following operations on the above table**

1. Modify phone number column to number data type.
2. Update the values of all records corresponding to newly added columns.
3. Add Gender column in single char value.
4. Add order\_time column of timestamp type.
5. Update the outstanding amount to 0 for all customers from India.
6. View all the Britishers whose outstanding amount is greater than 7000.
7. Add column feedback with clob data type.
8. Remove all customers with grade 2.

**Solution:**

Create TABLE customer\_details ( CUST\_CODE varchar(15), CUST\_NAME varchar(50), CUST\_CITY varchar(50),

WORKING\_AREA varchar(50), CUST\_COUNTRY varchar(50), GRADE NUMBER, OPENING\_AMT float, RECEIVE\_AMT float, PAYMENT\_AMT float, OUTSTANDING\_AMT float, PHONE\_NO varchar(20), AGENT\_CODE varchar(10));

 select \* from customer\_details;

INSERT ALL

INTO customer\_details VALUES

('C00013','Holmes','London','London','UK',2,6000.00,5000.00,7000.00,4000.00,'BBBBBBB','A003')

INTO customer\_details VALUES ('C00001','Micheal','New York','New

York','USA',2,3000.00,5000.00,2000.00,6000.00,'CCCCCCC','A008')

INTO customer\_details VALUES ('C00020','Albert','New York','New

York','USA',3,5000.00,7000.00,6000.00,6000.00,'BBBBSBB','A008')

INTO customer\_details VALUES

('C00025','Ravindran','Bangalore','Bangalore','India',2,5000.00,7000.00,4000.00,8000.00,'AVAVAVA','A011') INTO customer\_details VALUES

('C00024','Cook','London','London','UK',2,4000.00,9000.00,7000.00,6000.00,'FSDDSDF','A006') INTO customer\_details VALUES

('C00015','Stuart','London','London','UK',1,6000.00,8000.00,3000.00,11000.00,'GFSGERS','A003')

INTO customer\_details VALUES ('C00002','Bolt','New York','New

York','USA',3,5000.00,7000.00,9000.00,3000.00,'DDNRDRH','A008')

INTO customer\_details VALUES

('C00018','Fleming','Brisban','Brisban','Australia',2,7000.00,7000.00,9000.00,5000.00,'NHBGVFC','A005') INTO customer\_details VALUES

('C00021','Jacks','Brisban','Brisban','Australia',1,7000.00,7000.00,7000.00,7000.00,'WERTGDF','A005')

INTO customer\_details VALUES ('C00019

','Yearannaidu','Chennai','Chennai','India',1,8000.00,7000.00,7000.00,8000.00,'ZZZZBFV','A010') INTO customer\_details VALUES

('C00005','Sasikant','Mumbai','Mumbai','India',1,7000.00,11000.00,7000.00,11000.00,'147-25896312','A002') INTO customer\_details VALUES

('C00007','Ramanathan','Chennai','Chennai','India',1,7000.00,11000.00,9000.00,9000.00,'GHRDWSD','A010')

INTO customer\_details VALUES ('C00022','Avinash','Mumbai','Mumbai','India',2,7000.00,11000.00,9000.00,9000.00,' 113-12345678','A002')

INTO customer\_details VALUES

('C00004','Winston','Brisban','Brisban','Australia',1,5000.00,8000.00,7000.00,6000.00,'AAAAAAA','A005') INTO customer\_details VALUES

('C00023','Karl','London','London','UK',0,4000.00,6000.00,7000.00,3000.00,'AAAABAA','A006') INTO customer\_details VALUES

('C00006','Shilton','Torento','Torento','Canada',1,10000.00,7000.00,6000.00,11000.00,'DDDDDDD','A004') INTO customer\_details VALUES

('C00010','Charles','Hampshair','Hampshair','UK',3,6000.00,4000.00,5000.00,5000.00,'MMMMMMM','A009') INTO customer\_details VALUES

('C00017','Srinivas','Bangalore','Bangalore','India',2,8000.00,4000.00,3000.00,9000.00,'AAAAAAB','A007')

INTO customer\_details VALUES ('C00012','Steven','San Jose','San

Jose','USA',1,5000.00,7000.00,9000.00,3000.00,'KRFYGJK','A012')

INTO customer\_details VALUES

('C00008','Karolina','Torento','Torento','Canada',1,7000.00,7000.00,9000.00,5000.00,'HJKORED','A004') INTO customer\_details VALUES

('C00003','Martin','Torento','Torento','Canada',2,8000.00,7000.00,7000.00,8000.00,'MJYURFD','A004')

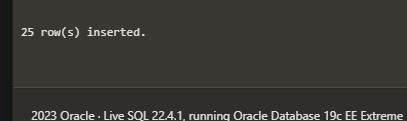
INTO customer\_details VALUES ('C00009','Ramesh','Mumbai','Mumbai','India',3,8000.00,7000.00,3000.00,12000.00,' 113-1263343','A002')

INTO customer\_details VALUES

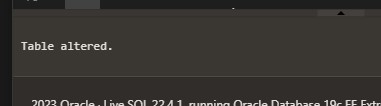
('C00014','Rangarappa','Bangalore','Bangalore','India',2,8000.00,11000.00,7000.00,12000.00,' AAAATGF','A001') INTO customer\_details VALUES

('C00016','Venkatpati','Bangalore','Bangalore','India',2,8000.00,11000.00,7000.00,12000.00,' JRTVFDD','A007') INTO customer\_details VALUES

('C00011','Sundariya','Chennai','Chennai','India',3,8000.00,11000.00,7000.00,11000.00,' PPHGRTS','A010') select \* from dual;



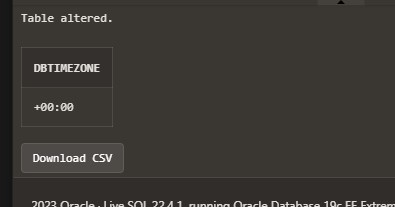
ALTER TABLE customer\_details ADD cust\_gender varchar(1);



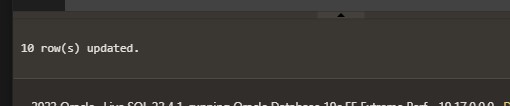
update customer\_details SET cust\_gender='M'; select \* from customer\_details order by cust\_code;



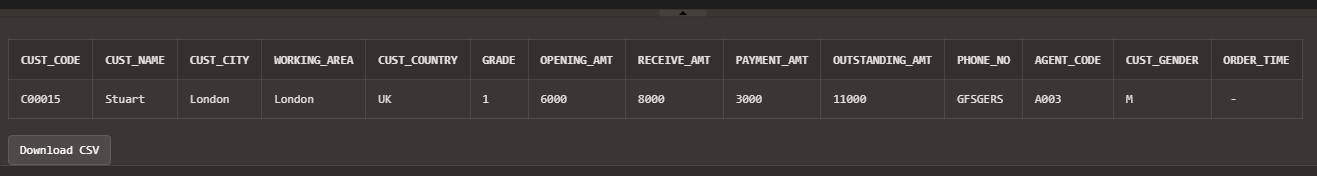
ALTER TABLE customer\_details ADD order\_time TIMESTAMP; select DBTIMEZONE from dual;



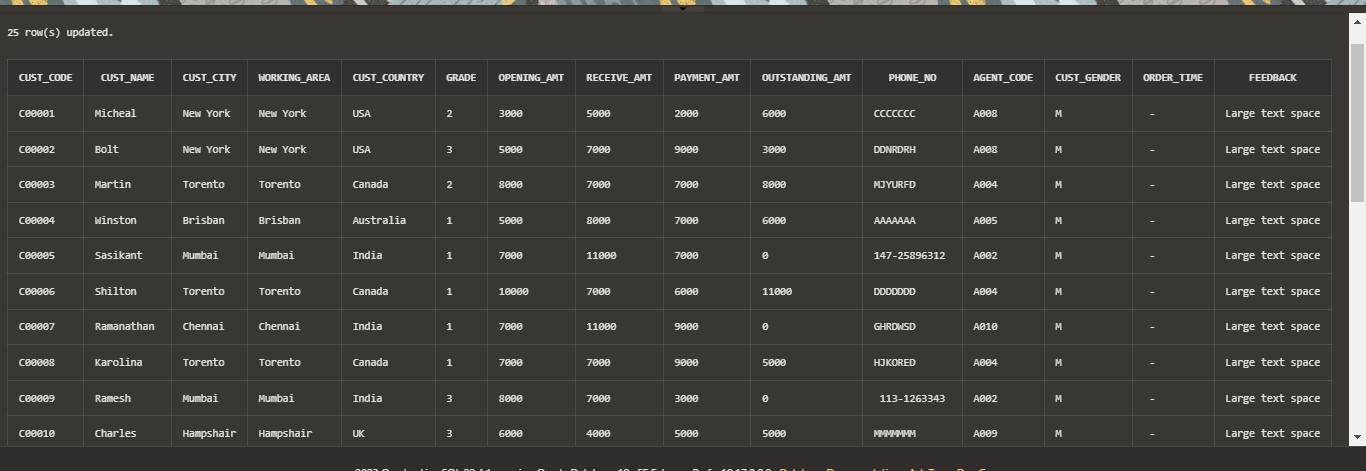
update customer\_details SET outstanding\_amt=0 where cust\_country ='India';



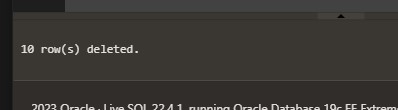
select \* from customer\_details where cust\_country='UK' AND outstanding\_amt>7000 order by cust\_code;



ALTER TABLE customer\_details ADD feedback CLOB; update customer\_details SET feedback='Large text space'; select \* from customer\_details order by cust\_code



DELETE FROM customer\_details WHERE grade =2;



**Question5. Create table EMP with the following description :**

Name Type

EMPNO NOT NULL NUMBER(4)

ENAME VARCHAR2(10)

JOB VARCHAR2(9)

MGR NUMBER(4)

HIREDATE DATE

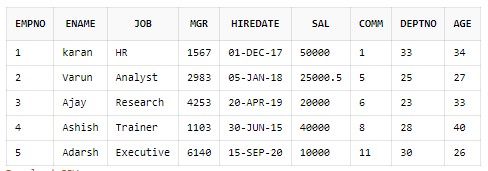
SAL NUMBER(7,2)

COMM NUMBER(7,2)

DEPTNO NUMBER(3)

AGE NUMBER(3)

1. Insert 5 records as shown in table below-



1. List all employee names , salary , 15% rise as ‘Raise’ and Rised amount after 15% as Raised\_Amount in salary.

3.. Insert the following record in employee table-

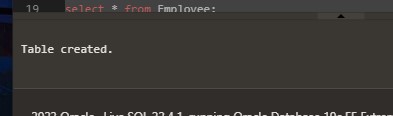
(6,’ ‘, HR,2345,12-12-2020, 45000,40,20,32)

(7,George, Research,,2480,01-01-2018, 55000,’ ‘,25,42) 4. List ename, job where employee name is NULL 5.List ename whose manager is not NULL.

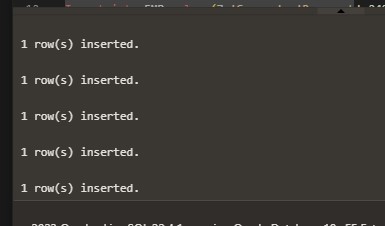
1. Find no.of dept in employee table.
2. List ename whose commission is NULL.
3. Display ename of the dept. with deptno 30.

**Solution:**

create table EMP (EMPNO number(4) NOT NULL, ENAME varchar2(10), JOB varchar2(9), MGR number(4), HIREDATE date, SAL number(7,2), COMM number(7,2), DEPTNO number(3), AGE number(3));

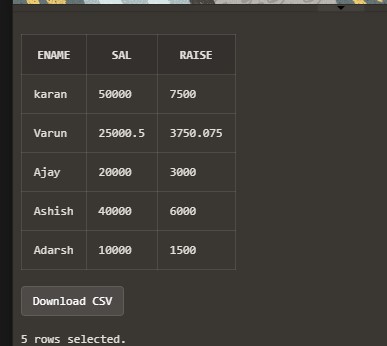
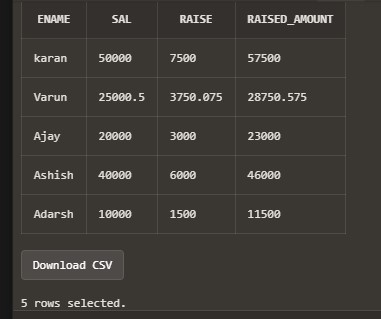


insert into EMP values (1,'karan','HR',1567,date '2017-12-1', 50000, 1,33,34); insert into EMP values (2,'Varun','Analyst',2983,date '2018-1-5', 25000.5,5,25,27); insert into EMP values (3,'Ajay','Research',4253,date '2019-4-20', 20000, 6,23,33); insert into EMP values (4,'Ashish','Trainer',1103,date '2015-06-30', 40000, 8,28,40); insert into EMP values (5,'Adarsh','Executive',6140,date '2020-09-15', 10000, 11,30,26);



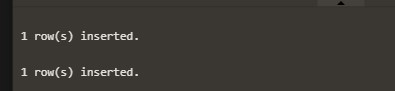
select ENAME, SAL, (SAL\*.15) as Raise from EMP;

select ENAME, SAL,SAL\*.15 as Raise, SAL+(SAL\*.15) as Raised\_Amount from EMP;

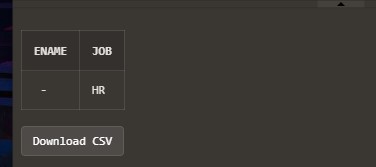
 

Insert into EMP values(6,NULL,'HR',2345,date '2020-12-12', 45000,40,20,32);

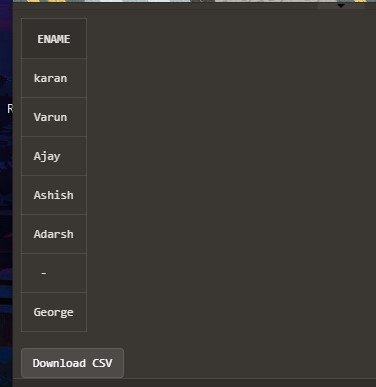
Insert into EMP values(7,'George', 'Research',2480,date '2018-01-01',55000,NULL,25,42);



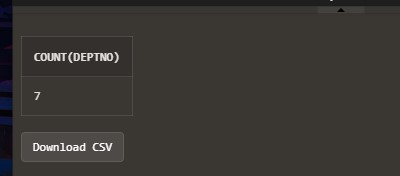
select ENAME,JOB from EMP where ENAME is NULL;



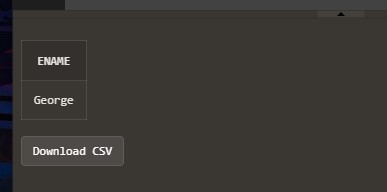
select ENAME from EMP where MGR is NOT NULL;



select count(DEPTNO) from EMP;



select ENAME from EMP where COMM is NULL;



select ENAME from EMP where DEPTNO = 30;

