Name: Aadil Mohamed Puthiyaveetil

Reg No: 22BCE2436

# **DIGITAL ASSIGNMENT-1**

1) Insert the data given above in both employee, department and project tables.

Command

# SELECT

First\_Name || ' ' || Mid\_Name || ' ' || Last\_Name AS Employee\_Name,

Employee\_ID,

Supervisor\_EmpID

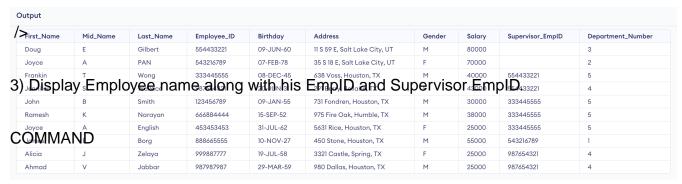
# FROM

EmployeeBCE2436;

# OUTPUT

> Employee_Name	Employee_ID	Supervisor_EmpID
Doug E Gilbert	554433221	
Display all the employees' inform	543216789 mation	
Frankin T Wong	333445555	554433221
Jennifer S Wallace	987654321	554433221
OMMAND John B Smith	123456789	333445555
Ramesh K Narayan	666884444	333445555
elect.* Inomi-EmployeeBCE2436	453453453	333445555
James E Borg	888665555	543216789
Alicia J Zelaya	999887777	987654321
Ahmad V Jabbar	987987987	987654321

#### **OUTPUT**



#### **SELECT**

First\_Name || ' ' || COALESCE(Mid\_Name || ' ', ") || Last\_Name AS Employee\_Name,

Employee\_ID,

Supervisor\_EmpID

**FROM** 

EmployeeBCE2436;

#### **OUTPUT**

Employee_Name	Employee_ID	Supervisor_EmpID
Sug E Gilbert	554433221	
Joyce A PAN	543216789	
Frankin T Wong	333445555	554433221
Jennifer S Wallace	987654321	554433221 554433221
ı,ы⊾ıspıay me employe	e names whose bdate is '29-l	VIAR-1959333445555
	ee names whose Joale is 29-1	VIAR-1959:33445555 333445555
Hyh <b>புத்</b> Pl <b>ay the employe</b> Ramesh K Narayan Joyce A English		
Ramesh K Narayan Joyce A English James F Bora	666884444	333445555
Ramesh K Narayan Joyce A English	666884444 453453453	333445555 333445555

#### **SELECT**

```
FROM
  EmployeeBCE2436
WHERE
  Birthday = '29-MAR-59';
OUTPUT
/> Employee_Name
   Ahmad V Jabbar
5) . Display salary of the employees without duplications.
COMMAND
SELECT DISTINCT Salary
FROM EmployeeBCE2436;
OUTPUT
/><sub>Salary</sub>
  80000
6) Display the MgrEmpID, MgrStartDate of the manager of 'Finance' department.
  40000
COMMAND
  30000
SELJEGOT
  25000
  55000
```

First\_Name | | ' ' | COALESCE(Mid\_Name | | ' ', ") | Last\_Name AS Employee\_Name

d.ManagerEmp\_ID,

d.ManageStartDate

FROM

DepartmentBCE2436 d

WHERE

d.Department\_Name = 'Finance';

#### **OUTPUT**

/>ManagerEmp_ID ManageStartDate	
/ Shanager Emp_10	Managestartbate
987654321	01-JAN-85

7) Modify the department number of an employee having fname as 'Joyce' to 5

COMMAND

UPDATE EmployeeBCE2436

SET Department\_Number = 5

WHERE First\_Name = 'Joyce';

SELECT FIRST\_NAME, DEPARTMENT\_NUMBER FROM EMPLOYEEBCE2436;

### OUTPUT

First_Name	Department_Number
Doug	3
Joyce	5
Frankin	5

8) Alter Table department add column DepartmentPhoneNum of NUMBER data type and insert values into this column only.

COMMAND

UPDATE DepartmentBCE2436

SET DepartmentPhoneNum = 1234567890

WHERE Department\_Number = 1;

UPDATE DepartmentBCE2436

SET DepartmentPhoneNum = 2345678901

WHERE Department\_Number = 2;

UPDATE DepartmentBCE2436

SET DepartmentPhoneNum = 3456789012

WHERE Department\_Number = 3;

UPDATE DepartmentBCE2436

SET DepartmentPhoneNum = 4567890123

WHERE Department\_Number = 4;

UPDATE DepartmentBCE2436

SET DepartmentPhoneNum = 5678901234

WHERE Department\_Number = 5;

select department\_name,departmentphonenum from DepartmentBCE2436;

#### **OUTPUT**

> Department_Name	DepartmentPhoneNum
Manufacture ) Alter table orders modify the size of DepartmentF Administration	1234567890 PhoneNum. 2345678901
Headquarter OMMAND	3456789012
Finance	4567890123
LTER TABLE DepartmentBCE2436	5678901234

MODIFY DepartmentPhoneNum NUMBER(10)

10) Modify the field name DepartmentPhoneNum of departments table to PhNo.

COMMAND

ALTER TABLE DepartmentBCE2436

RENAME COLUMN DepartmentPhoneNum TO PhNo;

11) . Rename Table Department as DEPT.

COMMAND

ALTER TABLE Departmentbce2436

# RENAME TO Dept;

12) Alter Table department remove column DepartmentPhoneNum.

#### COMMAND

ALTER TABLE DEPT

DROP COLUMN DepartmentPhoneNum;

13) Create a table COPYOFDEPT as a copy of the table DEPT.

COMMAND

CREATE TABLE COPYOFDEPT AS

SELECT \* FROM DEPT;

# COPYOFDEPT />

17			
Department_Name	Department_Number	ManagerEmp_ID	ManageStartDate
14) Deleterativine rows fr	om COPYOF DEPT table.	888665555	19-JUN-71
Administration	2	543216789	04-JAN-99
COMMANDurter	3	554433221	22-SEP-55
Finance	4	987654321	01-JAN-85
DELETE FROM COPYO	FDEPT;	333445555	22-MAY-78

# OUTPUT

/>	Department_Name	Department_Number	ManagerEmp_ID	ManageStartDate
	empty			

15) Remove COPYOF DEPT table.

COMMAND

DROP TABLE COPYOFDEPT;