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

A screenshot of a computer

Description automatically generated

2) Display all the employees’ information.

COMMAND

Select \* from EmployeeBCE2436

OUTPUT

A screenshot of a computer

Description automatically generated

3) Display Employee name along with his EmpID and Supervisor EmpID.

COMMAND

SELECT

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

Employee\_ID,

Supervisor\_EmpID

FROM

EmployeeBCE2436;

OUTPUT

A screenshot of a computer

Description automatically generated

4) Display the employee names whose bdate is ’29-MAR-1959’.

COMMAND

SELECT

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

FROM

EmployeeBCE2436

WHERE

Birthday = '29-MAR-59';

OUTPUT

A screenshot of a phone

Description automatically generated

5) . Display salary of the employees without duplications.

COMMAND

SELECT DISTINCT Salary

FROM EmployeeBCE2436;

OUTPUT

A screenshot of a cell phone

Description automatically generated

6) Display the MgrEmpID, MgrStartDate of the manager of ‘Finance’ department.

COMMAND

SELECT

d.ManagerEmp\_ID,

d.ManageStartDate

FROM

DepartmentBCE2436 d

WHERE

d.Department\_Name = 'Finance';

OUTPUT

A screenshot of a computer

Description automatically generated

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

A screenshot of a computer

Description automatically generated

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

A screenshot of a computer

Description automatically generated

9) Alter table orders modify the size of DepartmentPhoneNum.

COMMAND

ALTER TABLE DepartmentBCE2436

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;

A screenshot of a computer

Description automatically generated

14) Delete all the rows from COPYOF DEPT table.

COMMAND

DELETE FROM COPYOFDEPT;

OUTPUT

A screenshot of a computer

Description automatically generated

15) Remove COPYOF DEPT table.

COMMAND

DROP TABLE COPYOFDEPT;