**Day-1 Assignment**

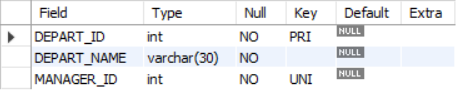
1. Create a table with name depart for the following specification.

USE pl\_sql\_ex;

**Create table department (DEPART\_ID int(4) NOT NULL PRIMARY KEY, DEPART\_NAME varchar(30) NOT NULL, MANAGER\_ID int(6) unique NOT NULL);**

Table structure:

* **describe department;**

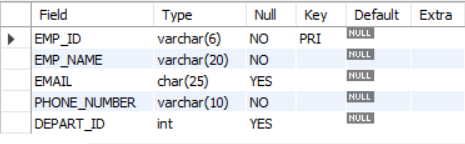


2) Create a table with name depart for the following specification.

**Create table employees(EMP\_ID varchar(6) PRIMARY KEY, EMP\_NAME varchar(20) NOT NULL, EMAIL character(25), PHONE\_NUMBER varchar(10) NOT NULL, DEPART\_ID int);**

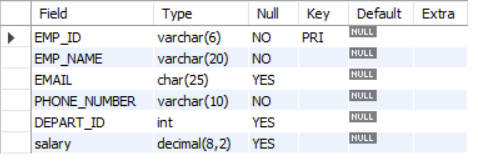
Table structure:

* **describe employees;**



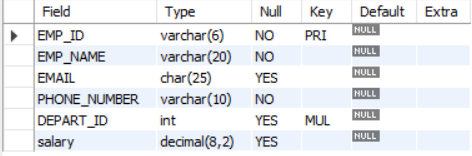
1. Using Alter command add a new column in employees table with name salary and with datatype and precision as Number(8,2)

**Alter table employees add salary numeric(8,2);**



1. Using Alter command add a new table constraint in employees table with name for key for DEPT\_ID column in employees table which refers the primary key of depart table (consider the usage of both foreign key and references constraints)

**ALTER TABLE employees ADD CONSTRAINT fk FOREIGN KEY (DEPART\_ID) REFERENCES department(DEPART\_ID);**

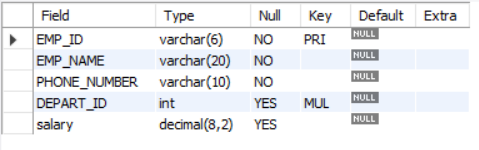


1. Using Alter command drop the constraint in employees table with name for key and modify the column DEPT\_ID with column constraint references for the primary key in depart table.

**ALTER TABLE employees drop constraint fk ;**

1. Using Alter command drop the column in employees table with name EMAIL.

**Alter table employees drop column EMAIL;**



1. After adding salary column (Q.3), add a column constraint to the EMPLOYEES table which restricts the addition of those employees who have salaries less than 10000

**Alter table employees add constraint salary\_check CHECK (salary>10000);**

1. Using Alter command, rename table employees as empl;

**Alter table employees rename to empl;**

**desc empl;**

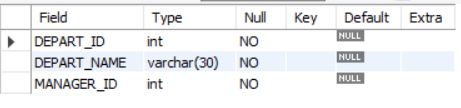
1. Create a new table with name depart1 as same as depart in structure.

**Create table depart1 as select \* from department;**

**(Or)**

**Create table depart1 like department;**

**desc depart1;**



1. After creation, drop table depart1 using drop command.

**drop table depart1;**