**MODULE-1**

**Assignment**

**CODE:**

USE master;

GO

CREATE DATABASE Employees ON PRIMARY(

NAME=Employees\_dat,

FILENAME='D:\Employeesdat.mdf',

SIZE=10,

MAXSIZE=50,

FILEGROWTH=5)

LOG ON(

NAME=Employees\_log,

FILENAME='D:\Employeeslog.ldf',

SIZE=5MB,

MAXSIZE=25MB,

FILEGROWTH=5MB);

GO

CREATE TABLE emp(

emp\_id numeric(4) NOT NULL,

first\_name varchar(20) NOT NULL,

last\_name varchar(20) NOT NULL,

mgr\_id numeric(4) NOT NULL,

phone\_numeric VARCHAR(20) NOT NULL UNIQUE,

job\_id numeric(2),

deptno numeric(2),

PRIMARY KEY(emp\_id)

);

ALTER TABLE emp ADD salary numeric(10,2);

ALTER TABLE emp ADD CONSTRAINT CHK\_emp CHECK(job\_id!=0 AND deptno!=0);

CREATE TABLE emoluments(

basic\_pay numeric(4) NOT NULL,

salary numeric(10,2) NOT NULL,

phone\_numeric VARCHAR(20) NOT NULL,

job\_type varchar(20) NOT NULL UNIQUE,

PRIMARY KEY(basic\_pay),

FOREIGN KEY(phone\_numeric) REFERENCES emp(phone\_numeric)

);

ALTER TABLE emoluments DROP CONSTRAINT UQ\_\_emolumen\_\_85D2665B54C87DD7;