VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

SWE1004 Lab Sheet 1

(L 9 + L10)

1. **Create table for the following schema:**

   student(regno, sname, cgpa)

SQL Query :

create table student(regno varchar(9), sname varchar(20), cgpa
number(2));

```
SQL> create table Student_1119(regno varchar(9), sname varchar(20), cgpa number(2));

Table created.
```

2. **Create table for the following schema:**

   course(ccode, cname, credits)

SQL Query :

Ans: ---------------------------- create table course(ccode
varchar(20), cname varchar(50), credits number(2));

```
SQL> create table Course_1119(ccode varchar(20), cname varchar(50), credits  number(2));

Table created.
```

3. **Create table for the following schema:**

   faculty(empid, fname, designation, salary)

create table faculty(empid varchar(9), fname varchar(20), designation
varchar(20), salary number(7));

```
SQL>  create table faculty_1119(empid varchar(9), fname varchar(20), designation varchar(20), salary number(7));

Table created.
```

Output:

Table created.

Table created.

Table created.

<mark>Exercise:</mark>

1. Create table for the following schema:

DEPOSIT (A_NO, CNAME, BNAME, AMOUNT, ADATE)

```
SQL> create table DEPOSIT (A_NO number(20), CNAME varchar(30), BNAME varchar(30), AMOUNT float, ADATE DATE);
Table created.
```

BORROW (LOANNO, CNAME, BNAME, AMOUNT)

```
SQL> create table BORROW (LOANNO number(20), CNAME varchar(30), BNAME varchar(30), AMOUNT FLOAT);
Table created.
```

CUSTOMERS (CNAME, CITY)

```
SQL> create table CUSTOMERS (CNAME varchar(30), CITY varchar(30));
Table created.
```

2. Create the suitable tables for the following:

EMPLOYEE

EMPLOYEEID	FIRSTNAME	LASTNAME	SALARY	JOININGDATE	DEPARTMENT	GENDER
1	Sriram	Kumar	60000	01-DEC-2013	IT	Male
2	Shanthi	Devi	50000	10-OCT-2014	HR	Female
3	Sham	Sundar	100000	20-DEC-2014	IT	Male
4	Ram	Kishan	43000	20-DEC-2014	HR	Male
5	Rahul	Dravid	83000	20-DEC-2014	Payroll	Male
6	Mahesh	Kumar	35000	20-DEC-2014	HR	Male

PROJECT

PROJECTID	EMPLOYEEID	PROJECTNAME
1	1	Project1
2	1	Project2
3	1	Project3
4	2	Project4
5	3	Project5
6	3	Project6
7	3	Project7
8	4	Project8
9	5	Project9

```
SQL> create table EMPLOYEE(EMPLOYEEID number(20),FIRSTNAME varchar(30),LASTNAME varchar(30),SALARY FLOAT, JOININGDATE DATE,DEPARTMENT varchar(30),GENDER varchar(15));
Table created.
```

```
SQL> create table PROJECT(PROJECTID FLOAT,EMPLOYEEID FLOAT,PROJECTNAME varchar(50));
Table created.
```