Assignment – 1.2

Important Note:

- **Create a text file with name Assignment1_2.txt**
- **At beginning of file should contain**
    - **-- Assignment No. : Assignment1.1**
    - **-- Roll No.   : 101, 102**
    - **-- Name of student : Abc, Xyz**
- **Copy only SQL Commands in file**
    - **1) A)**
    - **CREATE TABLE VENDOR_TABLE (**
    - **VENDOR_NO NUMBER (4), ADDRESS VARCHAR2 (30) …);**
- **NOTE: DO NOT COPY OUTPUT OF SQL COMMANDS in text file**

SQL commands(DDL and DML)

1) Create the following tables:

A) **Table name**: Vendor_table

Column Name	Format	Remarks
Vendor_no	number (4)	primary key
Contact_person	varchar2 (10)	
Gender	char(1)	check gender M/F/m/f
Address	varchar2 (30)	
City	varchar2 (10)	
State	varchar2 (10)	

B) **Table name**: Price_info

Column Name	Format	Remarks
Part_number	number (4)	not null, unique key
Vendor_no	number (4)	not null, references Vendor_no of verdor_table (Foreign Key)
Category	varchar2 (6)	not null
Price	number (8, 2)	default 1.50

C) Add Mobile, Email new columns in Vendor_Table
D) Apply UNIQUE constraints for Mobile and Email

2) Create the following tables using the specified constraints:

A) **Table name**: item_master

Column Name	Format	Remarks
Itemid	char (4)	not null
Itemdesc	char (20)	
Rate	number (8,2)	

B) **Table name**: item_tran

Column Name	Format	Remarks
OrderId	char (4)	not null
ItemId	char (4)	not null
Quantity	number (2)	

C) ItemId must be the primary key in table item_master.

D) ItemId and OrderId must be the primary key in table item_tran.

E) ItemId must be the foreign key in table itemtran references to item_master.

4) Perform the following tasks on the above created tables:

A) Add the following records to the table item_master:

```
I001   Pens        12.4
I002   Pencils      2.5
I003   Rubbers      2.3
```

B) Add the following records to the table item_tran:

```
A001  I001        40
A001  I002        70
A002  I001        90
A003  I003        56
```

C) Add the following record to itemtran table and check if the record gets added or not: (if any errors then note it down)

```
A004   01          67
```

D) Drops table item_master and note the error message.
E) Drop table item_tran and then drop table item_master.