Assignment – 17

*******************Constraining the Values of your data***************

1) **Create the Orders table so that all onum values as well as all combinations of cnum and snum are different from one another, and so that NULL values are excluded from the date field.**

```
W3_93236_Neha>create table ORD(
    -> Onum Int primary key auto_increment,
    -> Cnum int Not Null,
    -> Snum int Not Null,
    -> Amt DECIMAL(5,2) NOT NULL,
    -> Odate DATE not null,
    -> unique (Cnum,Snum)
    -> );
```

2) **Create the Salespeople table so that the default commission is 10% with no NULLS permitted, snum is the primary key, and all names fall alphabetically between A and M, inclusive (assume all names will be uppercase).**

```
W3_93236_Neha>create table salespeoples(
    -> Snum Int primary key,
    -> Sname varchar(25) NOT NULL Check (Sname >='A' AND Sname <='M'),
    -> Comm DECIMAL(5,2) NOT NULL DEFAULT 0.10);
Query OK, 0 rows affected (0.03 sec)
```

3) Create the Orders table, making sure that the onum is greater than the cnum, and the cnum is greater that the snum. Allow no NULLS in any of these three fields.

```
W3_93236_Neha>create table ORDER_TABLE(
    -> Onum int not null primary key,
    -> Cnum int not null,
    -> Snum int not null,
    -> Odate DATE not null,
    -> Amt Decimal(5,2) not null,
    -> check(Onum > Cnum AND Cnum > Snum));
Query OK, 0 rows affected (0.02 sec)
```