

ASSIGNMENT 17

- 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_93086_Harshal>SELECT * FROM ORDERS_CONSTRAINTS;  
Empty set (0.01 sec)  
  
W3_93086_Harshal>
```

- 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).

```
C:\WINDOWS\system32\cmd. x + v  
W3_93086_Harshal>CREATE TABLE SALESPEOPLE_CONSTRAINTS(  
-> SNUM INT PRIMARY KEY,  
-> SNAME VARCHAR(50) NOT NULL,  
-> COMMISSION DECIMAL(5,2) NOT NULL DEFAULT 0.10,  
-> CONSTRAINT CHK_NAME CHECK (SNAME >= 'A' AND SNAME <= 'M')  
-> );  
Query OK, 0 rows affected (0.04 sec)  
  
W3_93086_Harshal>
```

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

```
C:\WINDOWS\system32\cmd. x + v  
W3_93086_Harshal>CREATE TABLE ORDERS_CONSTRAINT_CHECK(  
-> ONUM INT NOT NULL,  
-> CNUM INT NOT NULL,  
-> SNUM INT NOT NULL,  
-> ODATE DATE NOT NULL,  
-> PRIMARY KEY(ONUM),  
-> CONSTRAINT CHK_ORDER CHECK(ONUM > CNUM AND CNUM > SNUM)  
-> );  
Query OK, 0 rows affected (0.03 sec)  
  
W3_93086_Harshal>
```