

Assignment - 16
Creating Tables and Indexes.

1) Write a command that will enable a user to pull orders grouped by date out of the Orders table quickly.

```
create index d_orders on Orders(Odate);  
Query OK, 0 rows affected (3.20 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

2) If the Orders table has already been created, how can you force the onum field to be unique (assume all current values are unique)?

```
ALTER TABLE Orders  
-> ADD CONSTRAINT UQ_Orders_onum UNIQUE (onum);  
Query OK, 0 rows affected, 1 warning (0.23 sec)
```

3) Create an index that would permit each salesperson to retrieve his or her orders grouped by date quickly.

```
create index I_date on Orders(Odate);  
Query OK, 0 rows affected, 1 warning (0.17 sec)
```

4) Let us assume that each salesperson is to have only one customer of a given rating, and that this is currently the case. Enter a command

```
ALTER TABLE customers  
-> ADD CONSTRAINT UQ_SalespeopleRating UNIQUE (snum, rating);  
Query OK, 0 rows affected (0.38 sec)
```