Assignment – 20

Changing Values through Views.

1) Which of these views are updateable (will allow DML operations)?
    #1 Create View Dailyorders as Select Distinct cnum, snum, onum, odate from Orders;
    #2 Create View Custotals as Select cname, Sum (amt) Sum_Amt from Orders, Customers where
    Orders.cnum=Customers.cnum Group by cname;
    #3 Create view Thirdorders as Select * from Dailyorders where odate='1990-10-03';
    #4 Create view Nullcities as Select snum, sname, city from Salespeople where city is NULL OR
    sname BETWEEN 'A' and 'MZ';

```
D2_92814_Krushna>Create View Dailyorders
    -> as Select Distinct cnum, snum, onum, odate from Orders;
Query OK, 0 rows affected (0.05 sec)

D2_92814_Krushna>select * from Dailyorders ;
+------+------+------+------------+
| cnum | snum | onum | odate      |
+------+------+------+------------+
| 2008 | 1007 | 3001 | 1990-10-03 |
| 2001 | 1007 | 3003 | 1990-10-03 |
| 2007 | 1004 | 3003 | 1990-10-03 |
| 2008 | 1007 | 3005 | 1990-10-03 |
| 2008 | 1007 | 3006 | 1990-10-03 |
| 2002 | 1003 | 3009 | 1990-10-04 |
| 2004 | 1002 | 3007 | 1990-10-04 |
| 2004 | 1002 | 3010 | 1990-10-06 |
| 2002 | 1003 | 3020 | 1990-10-04 |
+------+------+------+------------+
9 rows in set (0.05 sec)

D2_92814_Krushna>insert into Dailyorders values(2010,1007,3003,'
1990-10-03') ;
ERROR 1471 (HY000): The target table Dailyorders of the INSERT i
s not insertable-into
D2_92814_Krushna>insert into Dailyorders(cnum,snum,onum,odate) v
alues(2010,1007,3003,'1990-10-03') ;
ERROR 1471 (HY000): The target table Dailyorders of the INSERT i
s not insertable-into
```

```
D2_92814_Krushna>Create view Thirdorders
    -> as Select * from Dailyorders where
    -> odate='1990-10-03';
Query OK, 0 rows affected (0.04 sec)

D2_92814_Krushna>select * from Thirdorders ;
+------+------+------+------------+
| cnum | snum | onum | odate      |
+------+------+------+------------+
| 2008 | 1007 | 3001 | 1990-10-03 |
| 2001 | 1007 | 3003 | 1990-10-03 |
| 2007 | 1004 | 3003 | 1990-10-03 |
| 2008 | 1007 | 3005 | 1990-10-03 |
| 2008 | 1007 | 3006 | 1990-10-03 |
+------+------+------+------------+
5 rows in set (0.00 sec)

D2_92814_Krushna>insert into Thirdorders(cnum,snum,onum,odate) v
alues(2010,1007,3003,'1990-10-03') ;
ERROR 1471 (HY000): The target table Thirdorders of the INSERT i
s not insertable-into
D2_92814_Krushna>insert into Thirdorders values(2010,1007,3003,'
1990-10-03') ;
ERROR 1471 (HY000): The target table Thirdorders of the INSERT i
s not insertable-into
D2_92814_Krushna>
```

2) Create a view of the Salespeople table called Commissions. This view will include only the snum and comm fields. Through this view, someone could enter or change commissions, but only to values between .10 and .20.

```
D2_92814_Krushna>create view Commissions
    -> as
    -> select snum ,comm  from salespeople where comm between 0.
1 and 0.2 with check option ;
Query OK, 0 rows affected (0.05 sec)

D2_92814_Krushna>
```