ASSIGNMENT 16

Question 01

```
W2_93064_Devanandkarad> create index INDEX_ORDERS on ORDERS(Odate);
Query OK, 0 rows affected (0.23 sec)
Records: 0  Duplicates: 0  Warnings: 0

W2_93064_Devanandkarad>SELECT*FROM ORDERS;
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007  |   75.75 | 1990-10-04 | 2004 | 1002 |
| 3010  | 1309.95 | 1990-10-06 | 2004 | 1002 |
+-------+---------+------------+------+------+
8 rows in set (0.00 sec)

W2_93064_Devanandkarad>
```

Question 02

```
W2_93064_Devanandkarad>alter table ORDERS add PRIMARY KEY (Onum);
Query OK, 0 rows affected (0.26 sec)
Records: 0  Duplicates: 0  Warnings: 0

W2_93064_Devanandkarad>SELECT*FROM ORDERS;
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3007  |   75.75 | 1990-10-04 | 2004 | 1002 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3010  | 1309.95 | 1990-10-06 | 2004 | 1002 |
+-------+---------+------------+------+------+
8 rows in set (0.00 sec)

W2_93064_Devanandkarad>
```

Question 03

```
W2_93064_Devanandkarad> create index I_ORDERS on ORDERS(Odate);
Query OK, 0 rows affected, 1 warning (0.07 sec)
Records: 0  Duplicates: 0  Warnings: 1

W2_93064_Devanandkarad>SELECT * FROM ORDERS;
+-------+---------+------------+------+------+
| Onum  | Amt     | Odate      | Cnum | Snum |
+-------+---------+------------+------+------+
| 3001  |   18.69 | 1990-10-03 | 2008 | 1007 |
| 3002  | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3003  |  767.19 | 1990-10-03 | 2001 | 1001 |
| 3005  | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006  | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3007  |   75.75 | 1990-10-04 | 2004 | 1002 |
| 3009  | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3010  | 1309.95 | 1990-10-06 | 2004 | 1002 |
+-------+---------+------------+------+------+
8 rows in set (0.00 sec)

W2_93064_Devanandkarad>
```

Question 04

```
W2_93064_Devanandkarad>select * from customers;
+------+-----------+----------+--------+------+
| Cnum | Cname     | City     | Rating | Snum |
+------+-----------+----------+--------+------+
| 2001 | ,Hoffman  | London   |    100 | 1001 |
| 2002 | ,Giovanni | Rome     |    200 | 1003 |
| 2003 | ,Liu      | SanJose  |    200 | 1002 |
| 2004 | ,Grass    | Berlin   |    300 | 1002 |
| 2006 | ,Clemens  | London   |    100 | 1001 |
| 2008 | ,Cisneros | San Jose |    300 | 1007 |
| 2007 | Pereira   | Rome     |    100 | 1004 |
| 2012 | sagar     | satara   |    500 | 1005 |
| 2012 | sagar     | satara   |    500 | 1005 |
+------+-----------+----------+--------+------+
9 rows in set (0.00 sec)

W2_93064_Devanandkarad>
W2_93064_Devanandkarad>    alter table CUSTOMERS add PRIMARY KEY (Rating);
ERROR 1062 (23000): Duplicate entry '200' for key 'customers.PRIMARY'
W2_93064_Devanandkarad>
```