

## ASSIGNMENT 18

### Question 01

```
W2_93064_Devanandkarad> Create table Cityorders
-> AS
->     select onum,Amt,Orders.snum,customers.cnum,city from orders,c
->     where ORDERS.Cnum=CUSTOMERS.Cnum;
Query OK, 8 rows affected, 1 warning (0.08 sec)
Records: 8  Duplicates: 0  Warnings: 1
```

```
W2_93064_Devanandkarad>alter table CITYORDERS add PRIMARY KEY (onum);
Query OK, 0 rows affected (0.27 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
W2_93064_Devanandkarad>
```

```
W2_93064_Devanandkarad>      desc cityorders;
```

Field	Type	Null	Key	Default	Extra
onum	int	NO	PRI	NULL	
Amt	float(7,2)	YES		NULL	
snum	int	YES		NULL	
cnum	int	YES		NULL	
city	varchar(10)	YES		NULL	

```
5 rows in set (0.01 sec)
```

```
W2_93064_Devanandkarad>      select * from cityorders;
```

onum	Amt	snum	cnum	city
3001	18.69	1007	2008	San Jose
3002	1900.10	1004	2007	Rome
3003	767.19	1001	2001	London
3005	5160.45	1002	2003	SanJose
3006	1098.16	1007	2008	San Jose
3007	75.75	1002	2004	Berlin
3009	1713.23	1003	2002	Rome
3010	1309.95	1002	2004	Berlin

```
8 rows in set (0.00 sec)
```

```
W2_93064_Devanandkarad>
```

## Question 02

```
W2_93064_Devanandkarad>alter table cityorders add column Prev int;
Query OK, 0 rows affected (0.05 sec)
Records: 0 Duplicates: 0 Warnings: 0

W2_93064_Devanandkarad>
W2_93064_Devanandkarad>      alter table CITYORDERS add FOREIGN KEY (Prev) REFERENCES CITYORDERS(Onum);
Query OK, 8 rows affected (0.25 sec)
Records: 8 Duplicates: 0 Warnings: 0

W2_93064_Devanandkarad>
W2_93064_Devanandkarad>      alter table CITYORDERS add FOREIGN KEY(Cnum) REFERENCES CUSTOMERS(Cnum);
ERROR 1822 (HY000): Failed to add the foreign key constraint. Missing index for constraint 'cityorders_
W2_93064_Devanandkarad>
W2_93064_Devanandkarad>      alter table cityorders add FOREIGN KEY (Prev) REFERENCES CITYORDERS(Onum);
Query OK, 8 rows affected (0.24 sec)
Records: 8 Duplicates: 0 Warnings: 0

W2_93064_Devanandkarad>table cityorders;
+-----+-----+-----+-----+-----+
| onum | Amt   | snum | cnum | city   | Prev |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1007 | 2008 | San Jose | NULL |
| 3002 | 1900.10 | 1004 | 2007 | Rome | NULL |
| 3003 | 767.19 | 1001 | 2001 | London | NULL |
| 3005 | 5160.45 | 1002 | 2003 | SanJose | NULL |
| 3006 | 1098.16 | 1007 | 2008 | San Jose | NULL |
| 3007 | 75.75 | 1002 | 2004 | Berlin | NULL |
| 3009 | 1713.23 | 1003 | 2002 | Rome | NULL |
| 3010 | 1309.95 | 1002 | 2004 | Berlin | NULL |
+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

W2_93064_Devanandkarad>
```