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Assignment No 6

The screenshot displays the MySQL Workbench interface for a local instance named '3306'. The main window shows a SQL editor with the following code:

```
226 Customer_id varchar(20),
227 Store_id varchar(20),
228 City_id varchar(20)
229 );
230
231 • select Order_no,Item_id,Quantity_ordered,Customer_id,Store_id,City_id
232   from (Ordered_items natural join Orders natural join Stored_items) natural join Stores;
233
234 • insert into Q8
235   select Order_no,Item_id,Quantity_ordered,Customer_id,Store_id,City_id from (Ordered_items natural join Orders natural join Stored_items) natura
236
237
238   # 9
239
```

Below the editor, the 'Result Grid' shows a single row of data:

#	Customer_id
1	29

The 'Action Output' pane at the bottom provides a detailed log of the executed queries and their results:

#	Time	Action	Message	Duration / Fetch
55	23:54:43	insert into Q6 select Customer_id,City_name,State from ...	1 row(s) affected Records: 1 Duplicates: 0 Warnings: 0	0.270 sec
56	23:54:47	create table Q7(Quantity_held int, Item_id varchar...	0 row(s) affected	1.461 sec
57	23:54:52	select sum(Quantity_held),Item_id,City_name from Stor...	Error Code: 1146. Table 'warehouse.Stored_item...	0.00081 sec
58	23:55:06	insert into Q7 select sum(Quantity_held),Item_id,City_na...	Error Code: 1146. Table 'warehouse.Stored_item...	0.0021 sec
59	23:55:10	create table Q8(Order_no varchar(20), Item_id var...	0 row(s) affected	0.981 sec
60	23:55:16	select Order_no,Item_id,Quantity_ordered,Customer_id...	Error Code: 1146. Table 'warehouse.Ordered_ite...	0.00090 sec
61	23:55:21	create table Q9(Customer_id varchar(20))	0 row(s) affected	0.881 sec
62	23:55:25	select Customer_id from Walk_in_customers natural joi...	1 row(s) returned	0.00067 sec / 0.000...

The status bar at the bottom indicates 'Query Completed'.

MySQL Workbench

Local Instance 3306

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

ORG

quizapp

quizdb

sys

temp

universityportal

Object Info Session

No object selected

MySQL SQL

Limit to 1000 rows

```
187
188 • insert into Q5
189   select Order_no,Item_id,Description,Store_id,City_name
190   from Orders,((Stored_Items natural join Items) natural join Stores) natural join Headquarters;
191
192
193
194 • # 6
195   create table Q6(
196     Customer_id varchar(20),
197     City_name varchar(20),
198     State varchar(20)
199   );
200 • select Customer_id,City_name,State
```

Result Grid

Filter Rows

Export: Wrap Cell Content: IS

#	Customer_id	City_name	State
1	29	Akola	Maharashtra

Result 6

Read Only

Action Output

#	Time	Action	Message	Duration / Fetch
47	23:52:50	select Customer.Customer_id,Stores.Store_id,City_name...	1 row(s) returned	0.0012 sec / 0.0000...
48	23:53:12	create table Q4(City_name varchar(50), Headquar...	0 row(s) affected	1.183 sec
49	23:53:14	select City_name,Headquarters_addr,State,Quantity_hel...	Error Code: 1146. Table 'warehouse.Stored_item...	0.00072 sec
50	23:54:00	create table Q5(Order_no varchar(20), Item_id var...	0 row(s) affected	1.893 sec
51	23:54:06	select Order_no,Item_id,Description,Store_id,City_nam...	1 row(s) returned	0.00100 sec / 0.000...
52	23:54:21	create table Q6(Customer_id varchar(20), City_na...	0 row(s) affected	1.164 sec
53	23:54:28	insert into Q5 select Order_no,Item_id,Description,Stor...	1 row(s) affected Records: 1 Duplicates: 0 Warnings: 0	0.264 sec
54	23:54:34	select Customer_id,City_name,State from Customer nat...	1 row(s) returned	0.00061 sec / 0.000...

Query Completed

MySQL Workbench

Local Instance 3306

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

Filter objects

ORG

quizapp

quizdb

sys

temp

universityportal

Object Info Session

No object selected

MySQL SQL

Limit to 1000 rows

```
167
168   State varchar(20),
169   Quantity_held varchar(20)
170 };
171 • select City_name,Headquarters_addr,State,Quantity_held from Headquarters,Stored_items;
172
173 • insert into Q4
174   select City_name,Headquarters_addr,State,Quantity_held from Headquarters,Stored_items;
175
176
177 • # 5
178   create table Q5(
179     Order_no varchar(20),
180     Item_id varchar(20),
181     Description varchar(20),
182     City_name varchar(20)
183   );
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Result Grid

Filter Rows

Export: Wrap Cell Content: IS

#	Order_no	Item_id	Description	Store_id	City_name
1	1	1	Smart phone	1	Akola

Result 5

Read Only

Action Output

#	Time	Action	Message	Duration / Fetch
44	23:52:29	create table Q3(Customer_id varchar(20), Store_id...	0 row(s) affected	1.169 sec
45	23:52:34	select Customer.Customer_id,Stores.Store_id,City_nam...	1 row(s) returned	0.205 sec / 0.00001...
46	23:52:44	insert into Q3 select Customer.Customer_id,Stores.Stor...	1 row(s) affected Records: 1 Duplicates: 0 Warnings: 0	0.242 sec
47	23:52:50	select Customer.Customer_id,Stores.Store_id,City_nam...	1 row(s) returned	0.0012 sec / 0.0000...
48	23:53:12	create table Q4(City_name varchar(50), Headquar...	0 row(s) affected	1.183 sec
49	23:53:14	select City_name,Headquarters_addr,State,Quantity_hel...	Error Code: 1146. Table 'warehouse.Stored_item...	0.00072 sec
50	23:54:00	create table Q5(Order_no varchar(20), Item_id var...	0 row(s) affected	1.893 sec
51	23:54:06	select Order_no,Item_id,Description,Store_id,City_nam...	1 row(s) returned	0.00100 sec / 0.000...

Query Completed

MySQL Workbench - Local Instance 3306

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Administration Schemas

Filter objects

- ORG
- quizapp
- quizdb
- sys
- temp
- universityportal

Object Info Session

No object selected

MySQL SQL

Limit to 1000 rows

```
# 2
137 • create table Q2{
138     Store_id varchar(20),
139     Order_no varchar(20),
140     Customer_name varchar(20),
141     Order_date date
142 };
143
144 • select Stores.Store_id,Orders.Order_no,Customer_name,Order_date from Stores,Orders,Ordered_items,Customer,Stored_Items where Quantity_ordered <
145
146 • insert into Q2
147     select Stores.Store_id,Orders.Order_no,Customer_name,Order_date from Stores,Orders,Ordered_items,Customer,Stored_Items where Quantity_ordered <
148
```

Result Grid

#	Customer_id	Store_id	City_name	Phone
1	29	1	Akola	9881221043

Result 4

Action Output

#	Time	Action	Message	Duration / Fetch
40	23:49:46	select * from Q1 LIMIT 0, 1000	1 row(s) returned	0.00052 sec / 0.000...
41	23:51:04	create table Q2(Store_id varchar(20), Order_no va...	0 row(s) affected	1.320 sec
42	23:51:14	select Stores.Store_id,Orders.Order_no,Customer_nam...	Error Code: 1146. Table 'warehouse.Ordered_ite...	0.0020 sec
43	23:51:41	insert into Q2 select Stores.Store_id,Orders.Order_no,C...	Error Code: 1146. Table 'warehouse.Ordered_ite...	0.0019 sec
44	23:52:29	create table Q3(Customer_id varchar(20), Store_id...	0 row(s) affected	1.169 sec
45	23:52:34	select Customer.Customer_id,Stores.Store_id,City_nam...	1 row(s) returned	0.205 sec / 0.00001...
46	23:52:44	insert into Q3 select Customer.Customer_id,Stores.Stor...	1 row(s) affected	0.242 sec
47	23:52:50	select Customer.Customer_id,Stores.Store_id,City_nam...	1 row(s) returned	0.0012 sec / 0.0000...

Query Completed

MySQL Workbench - Local Instance 3306

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

Filter objects

- ORG
- quizapp
- quizdb
- sys
- temp
- universityportal

Object Info Session

No object selected

MySQL SQL

Limit to 1000 rows

```
# 1
116
117 • create Table Q1{
118     City_name varchar(50) ,
119     State varchar(20) ,
120     Phone varchar(20),
121     Description varchar(50) ,
122     Size int,
123     Weight int,
124     Unit_price int
125 };
126
127 • select City_name, State,Phone,Description,Size,Weight,Unit_price from Items,Stores,Headquarters;
128
129
```

Result Grid

#	City_name	State	Phone	Description	Size	Weight	Unit_price
1	Akola	Maharashtra	9881221043	Smart phone	1	1	30000

Q1 2

Action Output

#	Time	Action	Message	Duration / Fetch
33	23:49:10	create table Orders (Order_no varchar(20) primary ke...	0 row(s) affected	0.941 sec
34	23:49:17	insert into Orders values('1','2023-04-01','1')	1 row(s) affected	0.108 sec
35	23:49:21	create table Ordered_Items (Order_no varchar(20) ,...	0 row(s) affected	2.126 sec
36	23:49:25	insert into Ordered_Items values('1','1','13,30000,2023-0...	1 row(s) affected	0.248 sec
37	23:49:31	create table Q1(City_name varchar(50) , State varia...	0 row(s) affected	0.682 sec
38	23:49:37	select City_name,State,Phone,Description,Size,Weight,...	1 row(s) returned	0.0042 sec / 0.0000...
39	23:49:42	insert into Q1 select City_name,State,Phone,Descripti...	1 row(s) affected	0.290 sec
40	23:49:46	select * from Q1 LIMIT 0, 1000	1 row(s) returned	0.00052 sec / 0.000...

Query Completed

MySQL Workbench

Local instance 3306

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

Filter objects

SCHEMAS

- ORG
- quizapp
- quizdb
- sys
- temp
- universityportal

Object Info Session

No object selected

MySQL SQL

Limit to 1000 rows

```
157
158 • select Customer.Customer_id,Stores.Store_id,City_name,Phone from Orders,Customer,Stored_Items,Stores,Headquarters;
159
160 • insert into Q3
161 select Customer.Customer_id,Stores.Store_id,City_name,Phone from Orders,Customer,Stored_Items,Stores,Headquarters;
162
163
164 • # 4
165 create table Q4(
166 City_name varchar(50) ,
167 Headquarters_addr varchar(50),
168 State varchar(20),
169 Quantity_held varchar(20)
170 );
171
```

Result Grid

#	Customer_id	Store_id	City_name	Phone
1	29	1	Akola	9881221043

Export: Wrap Cell Content

Result 4

Action Output

#	Time	Action	Message	Duration / Fetch
40	23:49:46	select * from Q1 LIMIT 0, 1000	1 row(s) returned	0.00052 sec / 0.000...
41	23:51:04	create table Q2(Store_id varchar(20), Order_no va...	0 row(s) affected	1.320 sec
42	23:51:14	select Stores.Store_id,Orders.Order_no,Customer_nam...	Error Code: 1146. Table 'warehouse.Ordered_ite...	0.0020 sec
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44	23:52:29	create table Q3(Customer_id varchar(20), Store_id...	0 row(s) affected	1.169 sec
45	23:52:34	select Customer.Customer_id,Stores.Store_id,City_nam...	1 row(s) returned	0.205 sec / 0.00001...
46	23:52:44	insert into Q3 select Customer.Customer_id,Stores.Stor...	1 row(s) affected Records: 1 Duplicates: 0 Warnings: 0	0.242 sec
47	23:52:50	select Customer.Customer_id,Stores.Store_id,City_nam...	1 row(s) returned	0.0012 sec / 0.0000...

Query Completed