

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: LAB 3

MANAGEMENT

- Server Status
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- Users and Privileges
- Status and System Variables
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- Data Import/Restore

INSTANCE

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- Server Logs
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PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

Query Completed

LAB 3

Limit to 1000 rows

```

55 INSERT INTO Orders VALUES (0003, 9005, 'PEN2206', 'PZ2231', 3, '2021/12/23');
56 INSERT INTO Orders VALUES (0004, 9002, 'PEN2207', 'PZ2232', 2, '2021/10/10');
57 INSERT INTO Orders VALUES (0005, 9003, 'PEN2209', 'PZ2235', 1, '2021/12/20');
58 INSERT INTO Orders VALUES (0006, 9004, 'PEN2210', 'PZ2234', 1, '2021/09/07');
59
60
61 SELECT * FROM Employee;
--

```

Result Grid

EmpNo	EmpName	EmpWorkHrs	EmpExtenContact	EmpBranch
PEN2206	E.N.T Perera	7	221	Batticaloa
PEN2207	T.W John	4.5	222	Jaffna
PEN2208	K.D Varun	8	223	Mullaitivu
PEN2209	T.L Laury	7	224	Colombo
PEN2210	A.T.A Sharu	9	225	Kandy
NULL	NULL	NULL	NULL	NULL

Employee 14

Output

Action Output

#	Time	Action	Message	Duration / Fetch
22	21:26:31	INSERT INTO Orders VALUES (0002, 9003, 'PEN2209', 'PZ2234', 1, '2021/08/10')	1 row(s) affected	0.000 sec
23	21:26:31	INSERT INTO Orders VALUES (0003, 9005, 'PEN2206', 'PZ2231', 3, '2021/12/23')	1 row(s) affected	0.000 sec
24	21:26:31	INSERT INTO Orders VALUES (0004, 9002, 'PEN2207', 'PZ2232', 2, '2021/10/10')	1 row(s) affected	0.000 sec
25	21:26:31	INSERT INTO Orders VALUES (0005, 9003, 'PEN2209', 'PZ2235', 1, '2021/12/20')	1 row(s) affected	0.016 sec
26	21:26:31	INSERT INTO Orders VALUES (0006, 9004, 'PEN2210', 'PZ2234', 1, '2021/09/07')	1 row(s) affected	0.000 sec
27	21:26:37	SELECT * FROM Employee LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

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No object selected

Object Info Session

Query Completed

LAB 3

Limit to 1000 rows

```

60
61 SELECT * FROM Employee;
62
63 SELECT Cust_Id, CustContact FROM Customer;
64
65 SELECT * FROM Employee
66 WHERE EmpWorkHrs = 9;

```

Result Grid

	Cust_Id	CustContact
▶	9001	774562134
	9002	712098564
	9003	761993092
	9004	772316178
	9005	744358990
•	NULL	NULL

Customer 15

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 23	21:26:31	INSERT INTO Orders VALUES (0003, 9005, 'PEN2206', 'PZ2231', 3, '2021/12/23')	1 row(s) affected	0.000 sec
✓ 24	21:26:31	INSERT INTO Orders VALUES (0004, 9002, 'PEN2207', 'PZ2232', 2, '2021/10/10')	1 row(s) affected	0.000 sec
✓ 25	21:26:31	INSERT INTO Orders VALUES (0005, 9003, 'PEN2209', 'PZ2235', 1, '2021/12/20')	1 row(s) affected	0.016 sec
✓ 26	21:26:31	INSERT INTO Orders VALUES (0006, 9004, 'PEN2210', 'PZ2234', 1, '2021/09/07')	1 row(s) affected	0.000 sec
✓ 27	21:26:37	SELECT * FROM Employee LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 28	21:27:03	SELECT Cust_Id, CustContact FROM Customer LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

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Administration Schemas

Information: No object selected

Object Info Session

Query Completed

LAB 3 x

Limit to 1000 rows

```

62
63 SELECT Cust_Id, CustContact FROM Customer;
64
65 SELECT * FROM Employee
66 WHERE EmpWorkHrs = 9;
67
68 SELECT OrdEmpNo , OrdCustomerId , OrdQuantity FROM Orders

```

Result Grid

EmpNo	EmpName	EmpWorkHrs	EmpExtenContact	EmpBranch
PEN2210	A.T.A Sharu	9	225	Kandy
NULL	NULL	NULL	NULL	NULL

Output

Action Output

#	Time	Action	Message	Duration / Fetch
24	21:26:31	INSERT INTO Orders VALUES (0004, 9002, 'PEN2207', 'PZ2232' ,2 , '2021/10/10')	1 row(s) affected	0.000 sec
25	21:26:31	INSERT INTO Orders VALUES (0005, 9003, 'PEN2209', 'PZ2235' ,1 , '2021/12/20')	1 row(s) affected	0.016 sec
26	21:26:31	INSERT INTO Orders VALUES (0006, 9004, 'PEN2210', 'PZ2234' ,1 , '2021/09/07')	1 row(s) affected	0.000 sec
27	21:26:37	SELECT * FROM Employee LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
28	21:27:03	SELECT Cust_Id, CustContact FROM Customer LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
29	21:27:31	SELECT * FROM Employee WHERE EmpWorkHrs = 9 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Result Grid

Form Editor

Field Types

Apply

MySQL Workbench

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Administration Schemas

Information

No object selected

Object Info Session

LAB 3 x

Limit to 1000 rows

```
64
65 SELECT * FROM Employee
66 WHERE EmpWorkHrs = 9;
67
68 SELECT OrdEmpNo , OrdCustomerId , OrdQuantity FROM Orders
69 WHERE OrderedDate = '2021/10/10' OR OrderedDate = '2021/09/07';
70
```

Result Grid

	OrdEmpNo	OrdCustomerId	OrdQuantity
▶	PEN2207	9002	2
	PEN2210	9004	1

Export: Wrap Cell Content: [Field Types](#)

Orders 17 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 25	21:26:31	INSERT INTO Orders VALUES (0005, 9003, 'PEN2209', 'PZ2235', 1, '2021/12/20')	1 row(s) affected	0.016 sec
✓ 26	21:26:31	INSERT INTO Orders VALUES (0006, 9004, 'PEN2210', 'PZ2234', 1, '2021/09/07')	1 row(s) affected	0.000 sec
✓ 27	21:26:37	SELECT * FROM Employee LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 28	21:27:03	SELECT Cust_Id, CustContact FROM Customer LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 29	21:27:31	SELECT * FROM Employee WHERE EmpWorkHrs = 9 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 30	21:27:54	SELECT OrdEmpNo , OrdCustomerId , OrdQuantity FROM Orders WHERE OrderedDate = '2021/10/10' OR O...	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed

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Information

No object selected

Object Info Session

71 • SELECT OrdEmpNo , OrdCustomerId , OrdQuantity FROM Orders

72 WHERE OrderedDate = '2021/10/10' OR OrderedDate = '2021/09/07';

73

74 #5

75 • SELECT OrdCustomerId, Count(Orders.OrderId) AS TotalOrders

76 FROM Orders

77 GROUP BY OrdCustomerId

78 ORDER BY OrdCustomerId ASC;

79

80 #6

81 • UPDATE Menu SET ItemPrice = ItemPrice+200.00;

Result Grid

	OrdCustomerId	TotalOrders
▶	9001	1
	9002	1
	9003	2
	9004	1
	9005	1

Result 4

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	11:37:37	SELECT OrdCustomerId, COUNT(DISTINCT OrderId) FROM Orders GROUP BY OrdCustomerId ORDER BY Or...	5 row(s) returned	0.000 sec / 0.000 sec
✓ 2	11:38:36	SELECT OrdCustomerId, COUNT(DISTINCT OrderId) FROM Orders GROUP BY OrdCustomerId ORDER BY Or...	5 row(s) returned	0.000 sec / 0.000 sec
✓ 3	11:39:22	SELECT OrdCustomerId, COUNT(DISTINCT OrderId) FROM Orders GROUP BY OrdCustomerId ORDER BY Or...	5 row(s) returned	0.000 sec / 0.000 sec
✓ 4	11:42:13	SELECT OrdCustomerId, Count(Orders.OrderId) AS TotalOrders FROM Orders GROUP BY OrdCustomerId ORD...	5 row(s) returned	0.000 sec / 0.000 sec

Read Only

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Administration Schemas

Information

Schema: pizzadelights

Object Info Session

LAB 3

Limit to 1000 rows

```
79 --> ORDER BY customers.acc_num;
80
81 #6
82 • UPDATE Menu SET ItemPrice = ItemPrice+200.00;
83 • SELECT * FROM Menu;
84
85
86 #7
87 • SELECT OrdCustomerId,OrdEmpNo,OrdIemNo FROM Orders
88 WHERE
89
```

Result Grid

	ItemNo	ItemName	ItemPrice
▶	PZ2231	BBQChickenPizza	1600.00
	PZ2232	FriedMushroomPizza	1350.00
	PZ2234	DevillePrawnPizza	2150.00
	PZ2235	DevillePaneerPizza	2000.00
•	HULK	HULK	HULK

Menu 2

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	22:16:17	UPDATE Menu SET ItemPrice = ItemPrice+200.00	4 row(s) affected Rows matched: 4 Changed: 4 Warnings: 0	0.000 sec
✓ 2	22:16:17	SELECT * FROM Menu LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Result Grid

Form Editor

Apply Revert

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Administration Schemas

Information

No object selected

Object Info Session

LAB 3

Limit to 1000 rows

```
76
77 #6
78 • UPDATE Menu SET ItemPrice = ItemPrice+200.00;
79 • SELECT * FROM Menu;
80
81
82 #7
83 • SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders
84 WHERE OrdQuantity>=2 AND OrderedDate >= '2021/10/09';
85
86 #8
```

Result Grid

	OrdCustomerId	OrdEmpNo	OrdItemNo
▶	9005	PEN2206	PZ2231
	9002	PEN2207	PZ2232

Export: Wrap Cell Content: [F1](#)

Orders 1

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	19:43:00	SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders WHERE OrdQuantity>=2 AND OrderedDate >= '2...	2 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

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Administration Schemas

Information

Schema: pizzadelights

Object Info Session

LAB 3 x

Limit to 1000 rows

```
81 #6
82 • UPDATE Menu SET ItemPrice = ItemPrice+200.00;
83 • SELECT * FROM Menu;
84
85
86 #7
87 • SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders
88   WHERE OrdQuantity>=2 AND OrderedDate = '2021/10/10';
89
90 #8
91 • SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY EmpWorkHrs DESC;
```

Result Grid

EmpName	MIN(EmpWorkHrs)
E.N.T Perera	4.5

Result 5 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	22:18:34	SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders WHERE OrdQuantity>=2 AND OrderedDate = ...	Error Code: 1054. Unknown column 'OrderedDate' in 'where clause'	0.000 sec
6	22:18:44	SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders WHERE OrdQuantity>=2 AND OrderedDate = '...	0 row(s) returned	0.000 sec / 0.000 sec
7	22:20:04	SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders WHERE OrdQuantity>=2 AND OrderedDate = '...	1 row(s) returned	0.000 sec / 0.000 sec
8	22:22:32	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY DESC	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
9	22:22:33	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY DESC	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
10	22:23:06	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY EmpWorkHrs DESC LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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Information

Schema: pizzadelights

Object Info Session

LAB 3

Limit to 1000 rows

```
88 WHERE OrdQuantity>=2 AND OrderedDate = '2021/10/10';
89
90 #8
91 • SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY EmpWorkHrs DESC;
92
93 #9
94 • DELETE FROM Menu WHERE ItemPrice<=950.00;
95 • SELECT * FROM Menu;
96
97
```

Result Grid

	ItemNo	ItemName	ItemPrice
▶	PZ2231	BBQChickenPizza	1600.00
	PZ2232	FriedMushroomPizza	1350.00
	PZ2234	DevillePrawnPizza	2150.00
	PZ2235	DevillePaneerPizza	2000.00
•	NULL	NULL	NULL

Menu 6

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 7	22:20:04	SELECT OrdCustomerId,OrdEmpNo,OrdItemNo FROM Orders WHERE OrdQuantity>=2 AND OrderedDate = '...	1 row(s) returned	0.000 sec / 0.000 sec
✗ 8	22:22:32	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY DESC	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✗ 9	22:22:33	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY DESC	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✓ 10	22:23:06	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY EmpWorkHrs DESC LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓ 11	22:25:06	DELETE FROM Menu WHERE ItemPrice<=950.00	0 row(s) affected	0.000 sec
✓ 12	22:25:06	SELECT * FROM Menu LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

LAB 3 x

Limit to 1000 rows

```

92
93 #9
94 • DELETE FROM Menu WHERE ItemPrice<=950.00;
95 • SELECT * FROM Menu;
96
97 #10
98 • UPDATE Customer SET CustContact = 0756993092
99   WHERE CustFirstName='Peter' AND CustLastName='Robert';
100 • SELECT * FROM Customer;
101

```

Result Grid

	Cust_Id	CustFirstName	CustLastName	CustAddress	CustContact
▶	9001	Terran	Bernand	No 23,Galle Road,Colombo 6	774562134
	9002	Peter	Parker	KKS Road,Jaffna	712098564
	9003	Peter	Robert	Malwatta Rd,Dehiwala,Colombo	756993092
	9004	Anchali	Menon	Jaffna Road,Kandy	772316178
	9005	Anika	Warrior	No 23, NewRoad,Batticaloa	744358990
*	NULL	NULL	NULL	NULL	NULL

Customer 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	22:22:33	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY DESC	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
10	22:23:06	SELECT EmpName,MIN(EmpWorkHrs) FROM Employee ORDER BY EmpWorkHrs DESC LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
11	22:25:06	DELETE FROM Menu WHERE ItemPrice<=950.00	0 row(s) affected	0.000 sec
12	22:25:06	SELECT * FROM Menu LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
13	22:27:06	UPDATE Customer SET CustContact = 0756993092 WHERE CustFirstName='Peter' AND CustLastName='Ro...	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
14	22:27:06	SELECT * FROM Customer LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Schema: pizzadelights

Object Info Session