

LAB 1

DATABASE MANAGEMENT SYSTEM

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Introduction To MySQL

The Lab Report

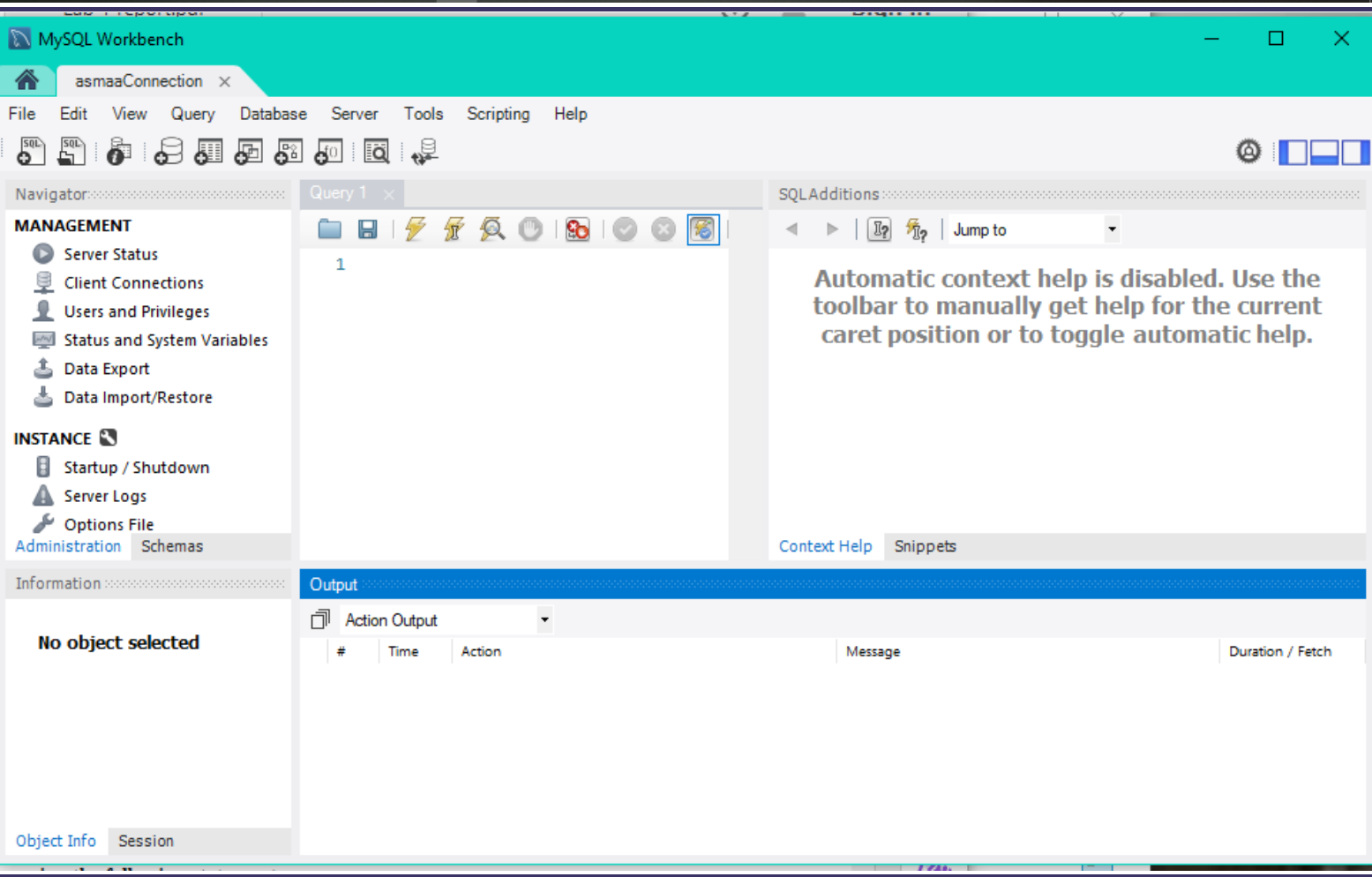
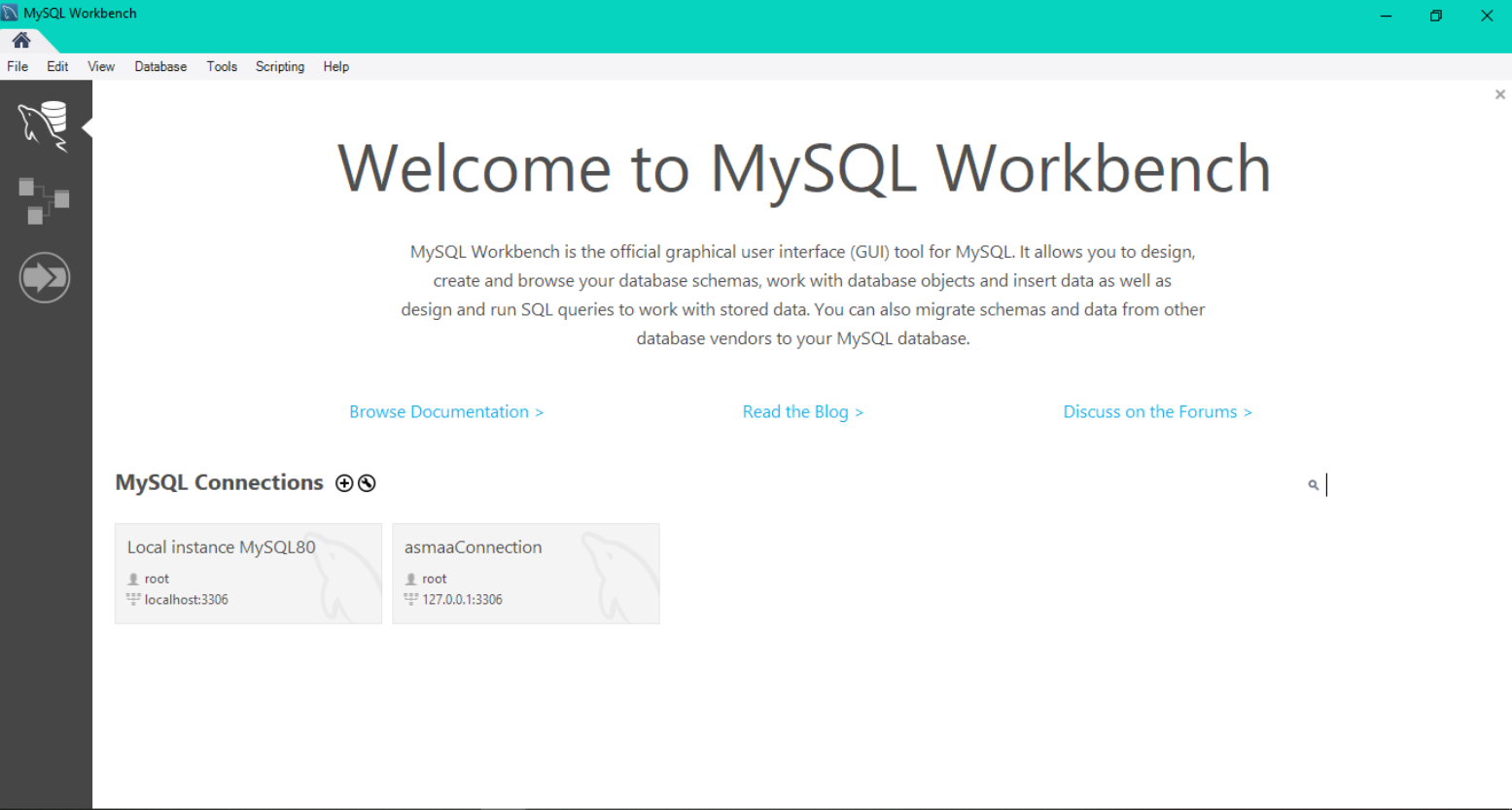
1. The SQL source file:

<https://drive.google.com/file/d/1SWajH29ZMy68EoTTcOWvWgFGPDaC9v-u/view?usp=sharing>

2. The MySQL Code:

```
1 • create Schema phonebook;
2 • Use phonebook;
3 • Create Table Person (
4   Id Varchar (5) Primary Key Not Null,
5   Pname Varchar(40),
6   DOB Date,
7   Paddress Varchar (100));
8 • Create Table Tel (
9   Pid Varchar(5),
10  Tserial Varchar (3),
11  Telno Varchar (15),
12  Constraint pk Primary Key (Pid, Tserial),
13  Constraint fk Foreign Key (Pid) references Person (Id));
14 • Insert into Person values (1,'john','1970-01-03','5 shore st. ');
15 • Insert into Tel values (1,1,'03-2245655' );
16 • Insert into Tel values (1,2,'012-6453242' );
17 • Insert into Person values (2,'mark','1967-07-08','5 shore st. ');
18 • Insert into Tel values (2,1,'03-8644353' );
19 • Select Id, Pname, DOB, paddress, Tserial, Telno
20   from Tel , Person
21   where Pid = Id;
```

3. Screenshots of the output:





Navigator

SCHEMAS

Filter objects

▼ **phonebook**

▼ Tables

▼ person

Columns

- ◆ Id
- ◆ Pname
- ◆ DOB
- ◆ Address

▶ Indexes

▶ Foreign Keys

▶ Triggers

Views

Stored Procedures

Functions

▶ sakila

▶ sys

▶ world

Administration Schemas

Information

Table: **person**

Columns:

<u>Id</u>	varchar(5) PK
Pname	varchar(40)
DOB	date
Address	varchar(100)

Object Info Session

lab1asmaa x



Limit to 1000 rows

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5   Pname Varchar(40),
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7   Address Varchar (100));
```

SQLAdditions

Automatically
disabled
manual
current
toggle

Context Help

Output

Action Output

#	Time	Action	Message
---	------	--------	---------



Navigator

SCHEMAS

Filter objects

- ▼ **phonebook**
 - ▼ Tables
 - ▶ person
 - ▼ tel
 - Columns
 - ◆ Pid
 - ◆ Tserial
 - ◆ Telno
 - Indexes
 - Foreign Keys
 - Triggers
 - Views
 - Stored Procedures
 - Functions
 - sakila
 - sys
 - world

Administration Schemas

Information

Table: **person**

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lab1asmaa x

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```

SQL Addition

Automatically
disables
manual
current
toggle

Context Help

Output

Action Output

#	Time	Action	Message
✓ 1	17:09:42	Create Table Tel (Pid Varchar(5), Tserial Varchar (3), T...	0 row(s) affected

MySQL Workbench

asmaaConnection

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

phonebook

Tables

person

tel

Columns

Pid

Tserial

Telno

Indexes

PRIMARY

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sakila

sys

world

Administration Schemas

Information

Schema: phonebook

lab1asmaa

Limit to 1000 rows

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17 Insert into Person values (2,'mark','1967-07-08','5 shore st. ');
18 Insert into Tel values (2,1,'03-8644353' );
19
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	17:14:23	Insert into Tel values (1,2,'012-6453242')	1 row(s) affected	0.000 sec
2	17:14:34	Insert into Person values (2,'mark','1967-07-08','5 shore st.')	1 row(s) affected	0.016 sec
3	17:14:39	Insert into Tel values (2,1,'03-8644353')	1 row(s) affected	0.000 sec

Object Info Session

MySQL Workbench

asmaaConnection

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

phonebook

Tables

person

tel

Columns

Pid

Tserial

Telno

Indexes

PRIMARY

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Triggers

Views

Stored Procedures

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sakila

sys

world

Administration Schemas

Information

Schema: phonebook

lab1asmaa

Limit to 1000 rows

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19 Select Id, Pname, DOB, paddress, Tserial, Telno
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Result Grid

	Id	Pname	DOB	paddress	Tserial	Telno
1	john	1970-01-03	5 shore st.	1	03-2245655	
1	john	1970-01-03	5 shore st.	2	012-6453242	
2	mark	1967-07-08	5 shore st.	1	03-8644353	

Result 1 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	17:14:23	Insert into Tel values (1,2,'012-6453242')	1 row(s) affected	0.000 sec
2	17:14:34	Insert into Person values (2,'mark','1967-07-08','5 shore st.')	1 row(s) affected	0.016 sec
3	17:14:39	Insert into Tel values (2,1,'03-8644353')	1 row(s) affected	0.000 sec
4	18:32:03	Select Id, Pname, DOB, paddress, Tserial, Telno from Tel . Person where Pid = Id LIMIT 0, ...	3 row(s) returned	0.015 sec / 0.000 sec

Object Info Session