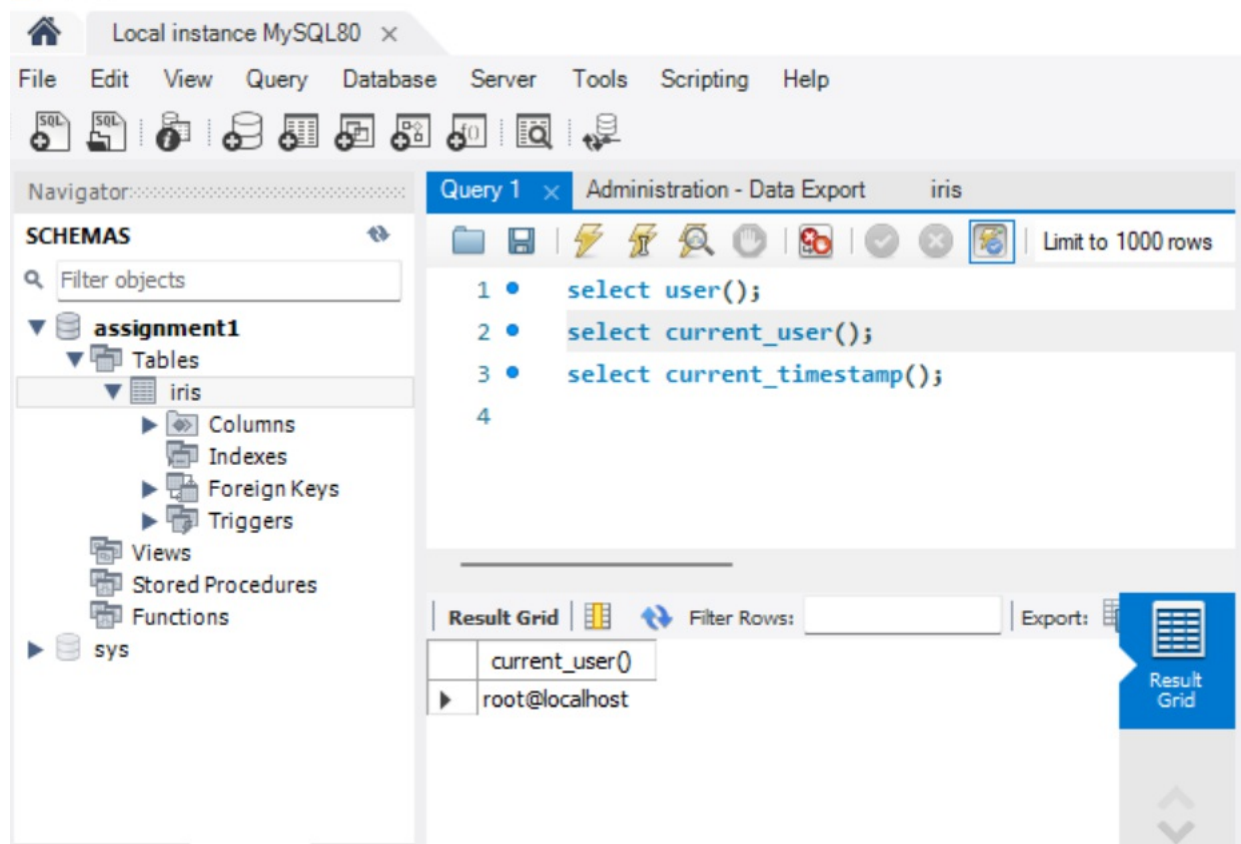


1. Screenshot of **timestamp** and **system user name** with **MySQL workbench** open.

MySQL Workbench



2. Screenshot of **MySQL running on terminal** or **command prompt**.

```
Microsoft Windows [Version 10.0.22621.2134]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Arshiya>cd "C:\Program Files\MySQL\MySQL Server 8.0\bin"

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 16
Server version: 8.0.34 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

3. Screenshot of the **top 10 objects retrieved** from the **table** using **SELECT** query.

Query 1 x Administration - Data Export iris SQLAdditions

Limit to 1000 rows

```
1 • select * from iris limit 10;
2
```

Result Grid

	sepalwidth	sepalwidth	petalwidth	petalwidth	class
▶	5	4	1	0	Iris-seto
	5	3	1	0	Iris-seto
	5	3	1	0	Iris-seto
	5	3	2	0	Iris-seto
	5	4	1	0	Iris-seto

iris 6 x Read Only

Context Help Snippets

Output

Action Output

#	Time	Action	Message
✓ 11	22:41:58	select user() LIMIT 0, 1000	1 row(s) returned
✓ 12	22:42:07	select user() LIMIT 0, 1000	1 row(s) returned
✓ 13	22:42:10	select current_user() LIMIT 0, 1000	1 row(s) returned
✓ 14	22:42:13	select current_timestamp() LIMIT 0, 1000	1 row(s) returned
✓ 15	22:42:26	select current_user() LIMIT 0, 1000	1 row(s) returned
✓ 16	22:46:30	select * from iris limit 10	10 row(s) returned

Q1. Can you store these data objects in a **MySQL table** along with a **primary key (INT type) ID column** and a **DESCRIPTION column (TEXT type)**?

In MySQL, we can store large data objects like text, binary data, or files using columns with data types such as TEXT, BLOB, LONGTEXT, LONGBLOB, etc. ID Column can be made a primary key of INT type and the DESCRIPTION Column can be made of type TEXT.

Q2. According to you, what can be an ideal solution for storing the information of such objects in a table?

Storing large objects, such as files or binary data, in a relational database table is generally not the ideal solution due to performance and scalability concerns. We can store the actual large objects (files or binary data) in a file system or cloud storage. Each object should have a unique identifier that corresponds to the ID in the database table. Organize the files in a structured way on our file system or we can use a cloud storage service like Amazon S3, Azure Blob Storage, or Google Cloud Storage.