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<b>SR.NO</b>	<b>Project NAME</b>	<b>Technology</b>
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql



41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

## Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	<a href="https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW">https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW</a>
2	PG Mate / Room sharing/Flat sharing	<a href="https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp">https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp</a>
3	Tour and Travel System Project Version 1.0	<a href="https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12">https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12</a>
4	Marriage Hall Booking	<a href="https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7">https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7</a>
5	Ecommerce Shopping project	<a href="https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq">https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq</a>
6	Bike Rental System Project	<a href="https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H">https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H</a>
7	Multi-Restaurant management system	<a href="https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB">https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB</a>
8	Hospital management system Project	<a href="https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw">https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw</a>
9	Municipal Corporation system Project	<a href="https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF">https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF</a>
10	Tour and Travel System Project version 2.0	<a href="https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ">https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ</a>

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	<a href="https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug">https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug</a>
12	Gym Management system Project	<a href="https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX">https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX</a>
13	Online Driving License system Project	<a href="https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn">https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn</a>
14	Online Flight Booking system Project	<a href="https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh">https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh</a>
15	Employee management system project	<a href="https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H">https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H</a>
16	Online student school or college portal	<a href="https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD">https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD</a>
17	Online movie booking system project	<a href="https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm">https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm</a>
18	Online Pizza Delivery system project	<a href="https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM">https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM</a>
19	Online Crime Reporting system Project	<a href="https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO">https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO</a>
20	Online Children Adoption Project	<a href="https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N">https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N</a>

**What is the command to create a new database in MySQL?**

- 1) CREATE DATABASE database\_name;
- 2) ADD DATABASE database\_name;
- 3) NEW DATABASE database\_name;
- 4) INIT DATABASE database\_name;

**Answer :** Option 1

**Which command is used to delete a database in MySQL?**

- 1) DROP DATABASE database\_name;
- 2) REMOVE DATABASE database\_name;
- 3) DELETE DATABASE database\_name;
- 4) TRUNCATE DATABASE database\_name;

**Answer :** Option 1

**What is the default port number for MySQL?**

- 1) 3306
- 2) 8080
- 3) 1433
- 4) 1521

**Answer :** Option 1

**Which command is used to create a new table in MySQL?**

- 1) CREATE TABLE table\_name (...);
- 2) INSERT TABLE table\_name (...);
- 3) NEW TABLE table\_name (...);
- 4) ADD TABLE table\_name (...);

**Answer :** Option 1

**What is the function of the PRIMARY KEY constraint?**

- 1) Uniquely identifies each row in a table
- 2) Creates a duplicate key

3) Identifies duplicate records

4) Indexes all columns

Answer : Option 1

Which command is used to insert data into a table in MySQL?

1) INSERT INTO table\_name VALUES (...);

2) UPDATE table\_name SET (...);

3) ADD TO table\_name VALUES (...);

4) NEW RECORD table\_name VALUES (...);

Answer : Option 1

How do you retrieve all records from a table?

1) SELECT \* FROM table\_name;

2) FETCH \* FROM table\_name;

3) GET ALL FROM table\_name;

4) SHOW \* FROM table\_name;

Answer : Option 1

What is the purpose of the WHERE clause?

1) To filter records based on conditions

2) To sort records

3) To join tables

4) To group records

Answer : Option 1

Which command is used to update records in a table?

1) UPDATE table\_name SET column=value WHERE condition;

2) MODIFY table\_name SET column=value WHERE condition;

3) CHANGE table\_name SET column=value WHERE condition;

4) ALTER table\_name SET column=value WHERE condition;

Answer : Option 1

**What is the function of the ORDER BY clause?**

- 1) To sort records in ascending or descending order
- 2) To group records by a column
- 3) To filter records
- 4) To limit the number of records

**Answer :** Option 1

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How do you delete records from a table?

- 1) DELETE FROM table\_name WHERE condition;
- 2) REMOVE FROM table\_name WHERE condition;
- 3) ERASE FROM table\_name WHERE condition;
- 4) CLEAR FROM table\_name WHERE condition;

Answer : Option 1

Which command is used to add a new column to an existing table?

- 1) ALTER TABLE table\_name ADD column\_name datatype;
- 2) INSERT INTO table\_name ADD column\_name datatype;
- 3) UPDATE table\_name ADD column\_name datatype;
- 4) MODIFY table\_name ADD column\_name datatype;

Answer : Option 1

What is the purpose of the GROUP BY clause?

- 1) To group records with identical values
- 2) To sort records
- 3) To filter records
- 4) To join tables

Answer : Option 1

Which function is used to calculate the sum of a column?

- 1) SUM(column\_name)
- 2) TOTAL(column\_name)
- 3) ADD(column\_name)
- 4) SUMMATION(column\_name)

Answer : Option 1

What is the function of the JOIN clause?

- 1) To combine rows from two or more tables
- 2) To filter records

- 3) To sort records
- 4) To group records

Answer : Option 1

Which command is used to remove a table from a database?

- 1) DROP TABLE table\_name;
- 2) DELETE TABLE table\_name;
- 3) REMOVE TABLE table\_name;
- 4) ERASE TABLE table\_name;

Answer : Option 1

What is the purpose of the DISTINCT keyword?

- 1) To return only unique records
- 2) To filter records
- 3) To sort records
- 4) To join tables

Answer : Option 1

Which function is used to calculate the average value of a column?

- 1) AVG(column\_name)
- 2) MEAN(column\_name)
- 3) AVERAGE(column\_name)
- 4) MEDIAN(column\_name)

Answer : Option 1

What is the purpose of the LIMIT clause?

- 1) To specify the maximum number of records to return
- 2) To filter records
- 3) To sort records
- 4) To group records

Answer : Option 1

**Which command is used to create a new user in MySQL?**

- 1) CREATE USER username@hostname IDENTIFIED BY 'password';
- 2) NEW USER username@hostname IDENTIFIED BY 'password';
- 3) ADD USER username@hostname IDENTIFIED BY 'password';
- 4) INSERT USER username@hostname IDENTIFIED BY 'password';

**Answer :** Option 1

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**What is the purpose of the GRANT command?**

- 1) To assign privileges to a user
- 2) To create a new user
- 3) To delete a user
- 4) To modify user permissions

**Answer :** Option 1

**Which command is used to revoke privileges from a user?**

- 1) REVOKE privilege FROM user;
- 2) REMOVE privilege FROM user;
- 3) DELETE privilege FROM user;
- 4) ERASE privilege FROM user;

**Answer :** Option 1

**What does the COUNT function return?**

- 1) The number of records in a result set
- 2) The sum of a column
- 3) The average of a column
- 4) The maximum value of a column

**Answer :** Option 1

**What is the function of the HAVING clause?**

- 1) To filter groups based on a condition
- 2) To filter individual records
- 3) To sort records
- 4) To limit the number of records

**Answer :** Option 1

**Which command is used to change a user's password in MySQL?**

- 1) SET PASSWORD FOR username@hostname = PASSWORD('newpassword');
- 2) ALTER PASSWORD FOR username@hostname = PASSWORD('newpassword');

- 3) CHANGE PASSWORD FOR username@hostname = PASSWORD('newpassword');
- 4) UPDATE PASSWORD FOR username@hostname = PASSWORD('newpassword');

Answer : Option 1

What does the MAX function return?

- 1) The maximum value in a column
- 2) The sum of a column
- 3) The average of a column
- 4) The minimum value in a column

Answer : Option 1

Which function is used to concatenate two or more strings?

- 1) CONCAT(string1, string2, ...)
- 2) MERGE(string1, string2, ...)
- 3) JOIN(string1, string2, ...)
- 4) ADD(string1, string2, ...)

Answer : Option 1

What is the function of the IN clause?

- 1) To specify multiple values in a WHERE clause
- 2) To sort records
- 3) To group records
- 4) To join tables

Answer : Option 1

Which command is used to backup a MySQL database?

- 1) mysqldump -u username -p database\_name > backup.sql
- 2) backup -u username -p database\_name > backup.sql
- 3) dump -u username -p database\_name > backup.sql
- 4) save -u username -p database\_name > backup.sql

Answer : Option 1



**What does the MIN function return?**

- 1) The minimum value in a column
- 2) The sum of a column
- 3) The average of a column
- 4) The maximum value of a column

**Answer :** Option 1

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Which command is used to restore a MySQL database from a backup?

- 1) `mysql -u username -p database_name < backup.sql`
- 2) `restore -u username -p database_name < backup.sql`
- 3) `import -u username -p database_name < backup.sql`
- 4) `load -u username -p database_name < backup.sql`

Answer : Option 1

What is the function of the LIKE clause?

- 1) To search for a specified pattern in a column
- 2) To sort records
- 3) To filter records
- 4) To group records

Answer : Option 1

Which command is used to rename a table in MySQL?

- 1) `RENAME TABLE old_name TO new_name;`
- 2) `ALTER TABLE old_name RENAME TO new_name;`
- 3) `CHANGE TABLE old_name TO new_name;`
- 4) `UPDATE TABLE old_name TO new_name;`

Answer : Option 1

What does the NOW() function return?

- 1) The current date and time
- 2) The current user
- 3) The current database
- 4) The current table

Answer : Option 1

Which command is used to view the structure of a table?

- 1) `DESCRIBE table_name;`
- 2) `SHOW table_name;`

3) VIEW table\_name;

4) STRUCTURE table\_name;

Answer : Option 1

What is the function of the ALTER TABLE command?

1) To modify an existing table

2) To create a new table

3) To delete a table

4) To rename a table

Answer : Option 1

Which function is used to find the length of a string?

1) LENGTH(string)

2) SIZE(string)

3) COUNT(string)

4) CHAR\_LENGTH(string)

Answer : Option 1

What does the CHAR\_LENGTH function return?

1) The number of characters in a string

2) The number of bytes in a string

3) The size of a string in memory

4) The number of words in a string

Answer : Option 1

Which command is used to delete all records from a table without removing the table structure?

1) TRUNCATE TABLE table\_name;

2) DELETE FROM table\_name;

3) DROP TABLE table\_name;

4) REMOVE FROM table\_name;

Answer : Option 1

**What is the function of the AUTO\_INCREMENT attribute?**

- 1) Automatically generates a unique number for each record
- 2) Increases the value of a column by a fixed amount
- 3) Automatically increments a date column
- 4) Automatically adds a row to a table

**Answer :** Option 1

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Which command is used to change the default database in MySQL?

- 1) USE database\_name;
- 2) SET DATABASE database\_name;
- 3) CHANGE DATABASE database\_name;
- 4) SWITCH DATABASE database\_name;

Answer : Option 1

What does the IFNULL function do?

- 1) Returns a specified value if the expression is NULL
- 2) Replaces NULL values with zeros
- 3) Checks if a column is NULL
- 4) Removes NULL values from a table

Answer : Option 1

Which function is used to round a number to a specified number of decimal places?

- 1) ROUND(number, decimals)
- 2) TRUNCATE(number, decimals)
- 3) CEIL(number)
- 4) FLOOR(number)

Answer : Option 1

What is the function of the LEFT JOIN clause?

- 1) Returns all records from the left table and matching records from the right table
- 2) Returns all records from the right table and matching records from the left table
- 3) Returns only matching records from both tables
- 4) Returns all records from both tables

Answer : Option 1

Which command is used to check for syntax errors in a MySQL query without executing it?

- 1) EXPLAIN query;
- 2) CHECK query;



3) VALIDATE query;

4) VERIFY query;

Answer : Option 1

What is the function of the FOREIGN KEY constraint?

1) To enforce referential integrity between tables

2) To ensure a column contains unique values

3) To enforce a non-null constraint

4) To automatically generate a unique identifier

Answer : Option 1

What command is used to remove a table from the database?

1) DESTROY TABLE

2) DELETE TABLE

3) REMOVE TABLE

4) DROP TABLE

Answer : Option 4

Which of the following is used to define a new primary key in MySQL?

1) NEW PRIMARY KEY column\_name

2) SET PRIMARY KEY column\_name

3) PRIMARY KEY (column\_name)

4) DEFINE PRIMARY KEY column\_name

Answer : Option 3

What MySQL clause is used to limit the number of rows returned?

1) ROWNUM

2) COUNT

3) LIMIT

4) TOP

Answer : Option 3

Which statement is used to remove a stored procedure in MySQL?

- 1) DELETE PROCEDURE procedure\_name;
- 2) TRUNCATE PROCEDURE procedure\_name;
- 3) DROP PROCEDURE procedure\_name;
- 4) REMOVE PROCEDURE procedure\_name;

Answer : Option 3

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How do you rename a table in MySQL?

- 1) ALTER TABLE old\_name RENAME TO new\_name;
- 2) CHANGE TABLE old\_name TO new\_name;
- 3) RENAME TABLE old\_name TO new\_name;
- 4) MODIFY TABLE old\_name TO new\_name;

Answer : Option 3

What is the correct command to grant privileges to a user in MySQL?

- 1) ASSIGN PRIVILEGES TO user@host;
- 2) GRANT SELECT, INSERT ON database.table TO user@host;
- 3) GIVE PRIVILEGES TO user@host;
- 4) PROVIDE ACCESS TO user@host;

Answer : Option 2

Which SQL statement is used to extract data from a database?

- 1) PULL
- 2) RETRIEVE
- 3) EXTRACT
- 4) SELECT

Answer : Option 4

What does the COUNT(\*) function do in MySQL?

- 1) Counts the number of columns in a table
- 2) Counts the number of unique values in a column
- 3) Counts the number of rows in a table
- 4) Counts the number of NULL values in a column

Answer : Option 3

What is the purpose of the GROUP BY clause in MySQL?

- 1) To filter data by a specific condition
- 2) To limit the number of rows returned

- 3) To arrange data in descending order
- 4) To group rows that have the same values in specified columns

Answer : Option 4

Which MySQL function is used to get the current date?

- 1) SYSDATE()
- 2) CURRENT\_DATE()
- 3) CURDATE()
- 4) NOW()

Answer : Option 3

What is the default port for MySQL?

- 1) 3309
- 2) 3307
- 3) 3308
- 4) 3306

Answer : Option 4

Which of the following is used to retrieve unique values in MySQL?

- 1) FILTER
- 2) UNIQUE
- 3) DIFFERENT
- 4) DISTINCT

Answer : Option 4

How can you delete a column from an existing MySQL table?

- 1) DROP COLUMN column\_name FROM table\_name;
- 2) DELETE COLUMN column\_name FROM table\_name;
- 3) REMOVE COLUMN column\_name FROM table\_name;
- 4) ALTER TABLE table\_name DROP COLUMN column\_name;

Answer : Option 4

**What does the SQL keyword NULL mean?**

- 1) A non-numeric value
- 2) Zero
- 3) A missing or undefined value
- 4) An empty string

**Answer :** Option 3

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What MySQL function is used to return the number of characters in a string?

- 1) LENGTH()
- 2) STRLEN()
- 3) SIZE()
- 4) CHAR\_COUNT()

Answer : Option 1

Which MySQL data type is used to store a large amount of text?

- 1) VARCHAR
- 2) STRING
- 3) TEXT
- 4) CHAR

Answer : Option 3

How can you retrieve all columns from a table in MySQL?

- 1) SHOW COLUMNS FROM table\_name;
- 2) DESCRIBE table\_name;
- 3) SELECT ALL COLUMNS FROM table\_name;
- 4) SELECT \* FROM table\_name;

Answer : Option 4

What is the MySQL command to create a new user?

- 1) INSERT USER 'username'@'host' PASSWORD 'password';
- 2) NEW USER 'username'@'host' SET PASSWORD 'password';
- 3) ADD USER 'username'@'host' WITH PASSWORD 'password';
- 4) CREATE USER 'username'@'host' IDENTIFIED BY 'password';

Answer : Option 4

Which MySQL command is used to modify an existing record in a table?

- 1) UPDATE
- 2) CHANGE

3) ALTER

4) MODIFY

Answer : Option 1

Which clause is used to filter the results of a SELECT query in MySQL?

1) HAVING

2) LIMIT

3) FILTER

4) WHERE

Answer : Option 4

What is the purpose of the PRIMARY KEY constraint in MySQL?

1) To enforce data integrity in a column

2) To define a relationship between tables

3) To uniquely identify each record in a table

4) To index columns for faster retrieval

Answer : Option 3

What is the MySQL command to list all databases on the server?

1) LIST DATABASES;

2) EXAMINE DATABASES;

3) SHOW DATABASES;

4) DISPLAY DATABASES;

Answer : Option 3

What does the MySQL function COALESCE() do?

1) Combines multiple rows into a single row

2) Counts the number of NULL values in a column

3) Returns the first non-NULL value in a list

4) Checks if a column is NULL

Answer : Option 3

Which of the following MySQL clauses is used to sort the result set?

- 1) SORT BY
- 2) GROUP BY
- 3) ORDER BY
- 4) ARRANGE BY

Answer : Option 3

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**What is the command to display the structure of a table in MySQL?**

- 1) DESCRIBE table\_name;
- 2) REVEAL table\_name;
- 3) SHOW STRUCTURE table\_name;
- 4) DISPLAY table\_name;

**Answer :** Option 1

**Which MySQL function returns the current time?**

- 1) CURTIME()
- 2) SYSDATE()
- 3) CURRENT\_TIME()
- 4) NOW()

**Answer :** Option 1

**How do you join two tables in MySQL?**

- 1) Using the COMBINE clause
- 2) Using the CONNECT clause
- 3) Using the JOIN clause
- 4) Using the LINK clause

**Answer :** Option 3

**What does the SQL keyword HAVING do?**

- 1) Limits the number of rows returned
- 2) Filters records after an aggregation has been performed
- 3) Filters records before an aggregation is performed
- 4) Groups records by a specific column

**Answer :** Option 2

**Which command is used to back up a MySQL database?**

- 1) mysqlbackup
- 2) mysqlcopy

3) mysqlsave

4) mysqldump

Answer : Option 4

What is the purpose of the AUTO\_INCREMENT attribute in MySQL?

- 1) Automatically generates a unique number for each record
- 2) Automatically generates a unique text string for each record
- 3) Automatically generates a unique time for each record
- 4) Automatically generates a unique date for each record

Answer : Option 1

What is the MySQL command to change the data type of a column?

- 1) UPDATE TABLE table\_name MODIFY column\_name new\_data\_type;
- 2) MODIFY TABLE table\_name CHANGE column\_name new\_data\_type;
- 3) ALTER TABLE table\_name MODIFY column\_name new\_data\_type;
- 4) CHANGE TABLE table\_name MODIFY column\_name new\_data\_type;

Answer : Option 3

How do you check the MySQL server version?

- 1) SHOW VERSION;
- 2) CHECK VERSION;
- 3) SELECT VERSION();
- 4) DISPLAY VERSION;

Answer : Option 3

Which MySQL storage engine is transaction-safe?

- 1) InnoDB
- 2) MyISAM
- 3) MEMORY
- 4) CSV

Answer : Option 1



**What does the MySQL function CONCAT() do?**

- 1) Concatenates two or more strings
- 2) Counts the number of characters in a string
- 3) Reverses a string
- 4) Splits a string into two or more parts

**Answer :** Option 1

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What is the purpose of the MySQL function IFNULL()?

- 1) Replaces NULL with a default value
- 2) Returns NULL if the expression is not NULL
- 3) Returns a specified value if the expression is NULL
- 4) Checks if a value is NULL

Answer : Option 3

Which MySQL function is used to round a number to a specific number of decimal places?

- 1) ROUND()
- 2) FLOOR()
- 3) TRUNC()
- 4) CEIL()

Answer : Option 1

What is the purpose of the MySQL function NOW()?

- 1) Returns the current date and time
- 2) Returns the current time only
- 3) Returns the current timestamp
- 4) Returns the current date only

Answer : Option 1

How do you delete all data from a table in MySQL without removing the table itself?

- 1) TRUNCATE TABLE table\_name;
- 2) CLEAR TABLE table\_name;
- 3) DROP TABLE table\_name;
- 4) DELETE TABLE table\_name;

Answer : Option 1

Which MySQL function can be used to generate a random number?

- 1) RAND()
- 2) UUID()

3) RANDOM()

4) NEWID()

Answer : Option 1

What is the purpose of the MySQL command SET?

- 1) To assign values to variables
- 2) To insert data into a table
- 3) To create a new table
- 4) To change the structure of a table

Answer : Option 1

How do you remove duplicate rows in a SELECT statement?

- 1) Using the FILTER keyword
- 2) Using the CLEAN keyword
- 3) Using the DISTINCT keyword
- 4) Using the UNIQUE keyword

Answer : Option 3

What is the purpose of the MySQL function DATE\_FORMAT()?

- 1) Formats a date as specified
- 2) Changes the date format of the server
- 3) Converts a string to a date
- 4) Returns the current date and time

Answer : Option 1

Which MySQL command is used to repair a table?

- 1) REPAIR TABLE table\_name;
- 2) FIX TABLE table\_name;
- 3) CORRECT TABLE table\_name;
- 4) RESTORE TABLE table\_name;

Answer : Option 1

Which MySQL function returns the position of the first occurrence of a substring?

- 1) POSITION()
- 2) LOCATE()
- 3) INSTR()
- 4) FIND()

Answer : Option 2

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Which MySQL function calculates the difference between two dates?

- 1) DATEDIFF()
- 2) DATEPART()
- 3) DATEADD()
- 4) DATEDURATION()

Answer : Option 1

What MySQL command is used to show all the columns of a table?

- 1) SHOW COLUMNS FROM table\_name;
- 2) SHOW ALL COLUMNS IN table\_name;
- 3) DESCRIBE COLUMNS OF table\_name;
- 4) LIST COLUMNS FOR table\_name;

Answer : Option 1

How do you display all indexes on a MySQL table?

- 1) SHOW INDEX FROM table\_name;
- 2) DISPLAY INDEXES FROM table\_name;
- 3) LIST INDEXES IN table\_name;
- 4) DESCRIBE INDEXES OF table\_name;

Answer : Option 1

Which MySQL function is used to return the average value of a column?

- 1) AVG()
- 2) MEAN()
- 3) MEDIAN()
- 4) AVERAGE()

Answer : Option 1

What does the MySQL command ANALYZE TABLE do?

- 1) Analyzes and optimizes the table for better performance
- 2) Deletes all data in the table

- 3) Creates a backup of the table
- 4) Drops the table from the database

Answer : Option 1

What is the default storage engine for MySQL 5.5 and later?

- 1) MyISAM
- 2) InnoDB
- 3) CSV
- 4) MEMORY

Answer : Option 2

Which statement is used to insert new data into a MySQL table?

- 1) ADD INTO
- 2) INSERT INTO
- 3) PUT INTO
- 4) ADD DATA TO

Answer : Option 2

What keyword is used to retrieve only unique values from a column in a SELECT statement?

- 1) UNIQUE
- 2) DISTINCT
- 3) DIFFERENT
- 4) SINGULAR

Answer : Option 2

What is the purpose of the MySQL command DESCRIBE?

- 1) To show the structure of a table
- 2) To show the data in a table
- 3) To create a new table
- 4) To delete a table

Answer : Option 1

Which MySQL function is used to convert a string to uppercase?

- 1) UPPERCASE()
- 2) UPPER()
- 3) TO\_UPPER()
- 4) CONVERT\_UPPER()

Answer : Option 2

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How do you create a new table in MySQL?

- 1) CREATE TABLE table\_name;
- 2) NEW TABLE table\_name;
- 3) ADD TABLE table\_name;
- 4) MAKE TABLE table\_name;

Answer : Option 1

Which command is used to update existing records in a MySQL table?

- 1) UPDATE
- 2) CHANGE
- 3) MODIFY
- 4) ALTER

Answer : Option 1

How can you get the total number of records in a table?

- 1) COUNT(\*)
- 2) SUM(\*)
- 3) TOTAL(\*)
- 4) NUMBER(\*)

Answer : Option 1

What is the correct syntax for creating a database in MySQL?

- 1) CREATE DATABASE database\_name;
- 2) NEW DATABASE database\_name;
- 3) ADD DATABASE database\_name;
- 4) MAKE DATABASE database\_name;

Answer : Option 1

Which command is used to delete a database in MySQL?

- 1) DROP DATABASE database\_name;
- 2) DELETE DATABASE database\_name;



3) REMOVE DATABASE database\_name;

4) CLEAR DATABASE database\_name;

Answer : Option 1

What keyword is used to sort the result set in a SELECT statement?

1) SORT BY

2) ORDER BY

3) ARRANGE BY

4) GROUP BY

Answer : Option 2

How do you retrieve the last inserted ID in MySQL?

1) LAST\_INSERT\_ID()

2) GET\_LAST\_ID()

3) FETCH\_LAST\_ID()

4) RETURN\_LAST\_ID()

Answer : Option 1

Which MySQL function is used to find the length of a string?

1) LENGTH()

2) SIZE()

3) CHAR\_LENGTH()

4) STRING\_LENGTH()

Answer : Option 1

What is the purpose of the MySQL LIMIT clause?

1) To specify the maximum number of records to return

2) To filter records based on conditions

3) To group records by a specific field

4) To sort records in a specific order

Answer : Option 1

How do you create an index on a MySQL table?

- 1) CREATE INDEX index\_name ON table\_name (column\_name);
- 2) ADD INDEX index\_name TO table\_name (column\_name);
- 3) NEW INDEX index\_name IN table\_name (column\_name);
- 4) SET INDEX index\_name FOR table\_name (column\_name);

Answer : Option 1

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Which command is used to view the current user in MySQL?

- 1) CURRENT\_USER()
- 2) SHOW USER;
- 3) GET USER;
- 4) SELECT USER();

Answer : Option 4

What does the SQL keyword DISTINCT do?

- 1) Removes duplicates from the result set
- 2) Groups the result set
- 3) Sorts the result set
- 4) Limits the result set

Answer : Option 1

What MySQL command is used to copy a table?

- 1) COPY TABLE table\_name TO new\_table\_name;
- 2) CREATE TABLE new\_table\_name AS SELECT \* FROM table\_name;
- 3) CLONE TABLE table\_name TO new\_table\_name;
- 4) DUPLICATE TABLE table\_name AS new\_table\_name;

Answer : Option 2

Which statement is used to define a foreign key in MySQL?

- 1) FOREIGN KEY (column\_name) REFERENCES other\_table(column\_name);
- 2) ADD FOREIGN KEY (column\_name) TO table\_name;
- 3) SET FOREIGN KEY (column\_name);
- 4) CREATE FOREIGN KEY (column\_name) IN table\_name;

Answer : Option 1

How do you delete a column from a MySQL table?

- 1) DROP COLUMN column\_name FROM table\_name;
- 2) ALTER TABLE table\_name DROP COLUMN column\_name;

- 3) DELETE COLUMN column\_name FROM table\_name;
- 4) REMOVE COLUMN column\_name FROM table\_name;

Answer : Option 2

What is the purpose of the MySQL function ROUND()?

- 1) To round a number to the nearest integer
- 2) To round a number to a specified number of decimal places
- 3) To convert a number to an integer
- 4) To find the average of a set of numbers

Answer : Option 2

Which MySQL data type is used for storing binary data?

- 1) BLOB
- 2) BINARY
- 3) VARBINARY
- 4) TEXT

Answer : Option 1

What is the MySQL command to add a new column to an existing table?

- 1) ALTER TABLE table\_name ADD column\_name data\_type;
- 2) MODIFY TABLE table\_name ADD column\_name data\_type;
- 3) NEW TABLE table\_name ADD column\_name data\_type;
- 4) CREATE COLUMN column\_name IN table\_name;

Answer : Option 1

Which SQL statement is used to retrieve data from a database?

- 1) GET
- 2) SELECT
- 3) FETCH
- 4) RETRIEVE

Answer : Option 2

How do you prevent SQL injection in MySQL?

- 1) Use prepared statements
- 2) Escape special characters
- 3) Use stored procedures
- 4) Validate user input

Answer : Option 1

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**What does the SQL keyword LIMIT do?**

- 1) Restricts the number of rows returned by a query
- 2) Sorts the rows returned by a query
- 3) Filters rows based on a condition
- 4) Groups rows by a specific column

**Answer :** Option 1

**What is the MySQL command to remove a table?**

- 1) DELETE TABLE table\_name;
- 2) DROP TABLE table\_name;
- 3) REMOVE TABLE table\_name;
- 4) CLEAR TABLE table\_name;

**Answer :** Option 2

**What is a join in MySQL?**

- 1) Combining two or more tables based on a related column
- 2) Duplicating a table
- 3) Aggregating data from a table
- 4) Creating a new table from an existing one

**Answer :** Option 1

**How do you update data in a MySQL table?**

- 1) UPDATE table\_name SET column\_name = value WHERE condition;
- 2) MODIFY table\_name SET column\_name = value WHERE condition;
- 3) CHANGE table\_name SET column\_name = value WHERE condition;
- 4) ALTER table\_name SET column\_name = value WHERE condition;

**Answer :** Option 1

**Which MySQL function is used to get the current date and time?**

- 1) NOW()
- 2) CURRENT\_DATE()

3) GET\_DATE()

4) SYSDATE()

Answer : Option 1

What does the MySQL command SHOW TABLES do?

1) Displays all tables in the current database

2) Creates a new table

3) Deletes all tables in the current database

4) Renames all tables in the current database

Answer : Option 1

Which clause is used to filter results in a GROUP BY statement?

1) HAVING

2) WHERE

3) FILTER

4) LIMIT

Answer : Option 1

How do you change a column data type in MySQL?

1) ALTER TABLE table\_name CHANGE column\_name new\_data\_type;

2) MODIFY TABLE table\_name column\_name new\_data\_type;

3) CHANGE COLUMN column\_name TO new\_data\_type;

4) ALTER COLUMN column\_name TYPE new\_data\_type;

Answer : Option 1

What is the purpose of the MySQL command TRUNCATE?

1) To remove all records from a table without deleting the table

2) To delete the table and its records

3) To remove specific records from a table

4) To clear a table of its structure

Answer : Option 1

Which command is used to check if a table exists in MySQL?

- 1) SHOW TABLE table\_name;
- 2) DESCRIBE table\_name;
- 3) CHECK TABLE table\_name;
- 4) SELECT TABLE table\_name;

Answer : Option 3

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How can you change the name of a MySQL database?

- 1) ALTER DATABASE old\_name RENAME TO new\_name;
- 2) RENAME DATABASE old\_name TO new\_name;
- 3) CHANGE DATABASE old\_name TO new\_name;
- 4) MODIFY DATABASE old\_name SET new\_name;

Answer : Option 1

What does the SQL command INSERT INTO do?

- 1) Adds new records to a table
- 2) Removes records from a table
- 3) Updates existing records in a table
- 4) Creates a new table

Answer : Option 1

Which function is used to get the maximum value from a column in MySQL?

- 1) MAX()
- 2) HIGHEST()
- 3) TOP()
- 4) MAXIMUM()

Answer : Option 1

What does the SQL keyword AS do?

- 1) Renames a column or table
- 2) Defines a constraint
- 3) Sets a default value
- 4) Creates an index

Answer : Option 1

How can you retrieve records from multiple tables in MySQL?

- 1) Using JOIN clauses
- 2) Using UNION

3) Using COMBINE

4) Using LINK

Answer : Option 1

What does the SQL command DROP TABLE do?

1) Deletes a table and all its records

2) Removes a table structure only

3) Truncates a table

4) Alters a table

Answer : Option 1

Which MySQL function converts a string to a date?

1) STR\_TO\_DATE()

2) TO\_DATE()

3) CAST\_TO\_DATE()

4) DATE\_CONVERT()

Answer : Option 1

What is the purpose of the MySQL command EXPLAIN?

1) Describes how MySQL executes a query

2) Displays the results of a query

3) Optimizes a query

4) Creates a new index

Answer : Option 1

Which command is used to create a view in MySQL?

1) CREATE VIEW view\_name AS SELECT columns;

2) NEW VIEW view\_name FROM SELECT columns;

3) ADD VIEW view\_name SELECT columns;

4) DEFINE VIEW view\_name AS SELECT columns;

Answer : Option 1

**What is a stored procedure in MySQL?**

- 1) A prepared SQL code that can be saved and reused
- 2) A temporary table
- 3) An index for performance
- 4) A type of JOIN

**Answer :** Option 1

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How do you add a primary key to an existing table?

- 1) ALTER TABLE table\_name ADD PRIMARY KEY (column\_name);
- 2) MODIFY TABLE table\_name ADD PRIMARY KEY (column\_name);
- 3) SET PRIMARY KEY (column\_name) IN table\_name;
- 4) CREATE PRIMARY KEY column\_name IN table\_name;

Answer : Option 1

Which SQL command is used to remove duplicate rows?

- 1) DELETE DUPLICATES FROM table\_name;
- 2) SELECT DISTINCT columns FROM table\_name;
- 3) REMOVE DUPLICATES FROM table\_name;
- 4) UNIQUE rows FROM table\_name;

Answer : Option 2

What is the purpose of the MySQL command GROUP BY?

- 1) To aggregate data across multiple records
- 2) To sort records
- 3) To filter records
- 4) To limit results

Answer : Option 1

What data type is best for storing true/false values in MySQL?

- 1) TINYINT
- 2) BOOLEAN
- 3) BIT
- 4) YESNO

Answer : Option 1

Which operator is used to compare a value against a list of values?

- 1) BETWEEN
- 2) IN

3) LIKE

4) ANY

Answer : Option 2

How can you prevent duplicate entries in a MySQL column?

1) Using UNIQUE constraint

2) Using NOT NULL constraint

3) Using PRIMARY KEY

4) Using DEFAULT value

Answer : Option 1

Which function returns the number of rows in a MySQL table?

1) COUNT(\*)

2) SUM(\*)

3) TOTAL(\*)

4) ROWS(\*)

Answer : Option 1

What is the default port number for MySQL?

1) 3306

2) 5432

3) 8080

4) 1521

Answer : Option 1

What is the command to rename a column in a MySQL table?

1) ALTER TABLE table\_name RENAME column\_name TO new\_column\_name;

2) MODIFY TABLE table\_name CHANGE column\_name new\_column\_name;

3) RENAME COLUMN column\_name TO new\_column\_name IN table\_name;

4) CHANGE COLUMN column\_name TO new\_column\_name IN table\_name;

Answer : Option 2

How do you set a default value for a column in MySQL?

- 1) ALTER TABLE table\_name MODIFY column\_name SET DEFAULT value;
- 2) ALTER TABLE table\_name CHANGE column\_name SET DEFAULT value;
- 3) ALTER TABLE table\_name ADD column\_name DEFAULT value;
- 4) ALTER TABLE table\_name MODIFY column\_name SET value;

Answer : Option 1

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Which SQL clause is used to filter results from a database?

- 1) WHERE
- 2) ORDER BY
- 3) HAVING
- 4) FILTER

Answer : Option 1

How do you retrieve unique records from a column?

- 1) SELECT UNIQUE column\_name FROM table\_name;
- 2) SELECT DISTINCT column\_name FROM table\_name;
- 3) SELECT DIFFERENT column\_name FROM table\_name;
- 4) SELECT ONLY column\_name FROM table\_name;

Answer : Option 2

Which command is used to remove an index from a table?

- 1) DROP INDEX index\_name;
- 2) DELETE INDEX index\_name;
- 3) REMOVE INDEX index\_name;
- 4) CLEAR INDEX index\_name;

Answer : Option 1

What does the SQL function IFNULL() do?

- 1) Returns the first argument if it is not NULL, otherwise returns the second argument
- 2) Returns the second argument if the first is NULL
- 3) Returns NULL if both arguments are NULL
- 4) Ignores NULL values in a query

Answer : Option 1

How can you retrieve the first 10 records from a table?

- 1) SELECT \* FROM table\_name LIMIT 10;
- 2) SELECT TOP 10 \* FROM table\_name;

3) GET FIRST 10 RECORDS FROM table\_name;

4) FETCH FIRST 10 FROM table\_name;

Answer : Option 1

Which MySQL function can be used to format a date?

1) FORMAT\_DATE()

2) DATE\_FORMAT()

3) FORMAT()

4) TO\_DATE()

Answer : Option 2

What is a composite key in MySQL?

1) A key that consists of two or more columns

2) A key that consists of one column

3) A key that cannot be NULL

4) A unique key for each row

Answer : Option 1

Which statement is true about MySQL transactions?

1) They are all-or-nothing operations.

2) They can only update one row.

3) They cannot be rolled back.

4) They require a special command.

Answer : Option 1

What is the purpose of the SQL JOIN clause?

1) To combine rows from two or more tables

2) To filter rows from a single table

3) To group rows based on a column

4) To sort rows

Answer : Option 1



How can you find the average value of a column in MySQL?

- 1) `SELECT AVG(column_name) FROM table_name;`
- 2) `SELECT MEAN(column_name) FROM table_name;`
- 3) `SELECT AVERAGE(column_name) FROM table_name;`
- 4) `SELECT SUM(column_name) / COUNT(column_name) FROM table_name;`

Answer : Option 1

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Which SQL statement is used to modify data in a database?

- 1) UPDATE
- 2) MODIFY
- 3) ALTER
- 4) CHANGE

Answer : Option 1

How do you select all columns from a table in MySQL?

- 1) SELECT \* FROM table\_name;
- 2) GET ALL FROM table\_name;
- 3) SELECT ALL COLUMNS FROM table\_name;
- 4) RETRIEVE \* FROM table\_name;

Answer : Option 1

What does the SQL command DELETE do?

- 1) Removes rows from a table
- 2) Deletes a table
- 3) Clears all data from a table
- 4) Removes a database

Answer : Option 1

Which SQL function retrieves the minimum value from a column?

- 1) MIN()
- 2) LEAST()
- 3) LOWEST()
- 4) MINIMUM()

Answer : Option 1

What is the purpose of the SQL statement INSERT INTO?

- 1) To add new records to a table
- 2) To delete records from a table

3) To update existing records

4) To retrieve records

Answer : Option 1

How do you change the structure of an existing table?

1) ALTER TABLE table\_name;

2) MODIFY TABLE table\_name;

3) UPDATE TABLE table\_name;

4) CHANGE TABLE table\_name;

Answer : Option 1

Which command is used to create an index on a column?

1) CREATE INDEX index\_name ON table\_name (column\_name);

2) NEW INDEX index\_name FOR table\_name (column\_name);

3) ADD INDEX index\_name TO table\_name (column\_name);

4) DEFINE INDEX index\_name ON table\_name (column\_name);

Answer : Option 1

What does the SQL keyword UNION do?

1) Combines the results of two SELECT statements

2) Merges two tables

3) Joins two columns

4) Filters two queries

Answer : Option 1

How do you limit the results returned by a SELECT statement?

1) SELECT \* FROM table\_name LIMIT number;

2) GET LIMIT number FROM table\_name;

3) SELECT TOP number FROM table\_name;

4) SELECT \* FROM table\_name MAX number;

Answer : Option 1

What type of JOIN returns all records from the left table and matched records from the right table?

- 1) LEFT JOIN
- 2) RIGHT JOIN
- 3) INNER JOIN
- 4) OUTER JOIN

Answer : Option 1

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Which command is used to backup a MySQL database?

- 1) mysqldump
- 2) BACKUP DATABASE
- 3) SAVE DATABASE
- 4) EXPORT DATABASE

Answer : Option 1

What does the SQL command TRUNCATE do?

- 1) Removes all rows from a table without logging individual row deletions
- 2) Deletes the table structure
- 3) Removes specific rows based on condition
- 4) Clears the structure of a table

Answer : Option 1

What is the default character set for MySQL?

- 1) latin1
- 2) utf8
- 3) ascii
- 4) utf8mb4

Answer : Option 1

How do you define a unique constraint on a column?

- 1) ALTER TABLE table\_name ADD UNIQUE (column\_name);
- 2) SET UNIQUE (column\_name) IN table\_name;
- 3) MODIFY TABLE table\_name ADD UNIQUE COLUMN (column\_name);
- 4) CREATE UNIQUE (column\_name) IN table\_name;

Answer : Option 1

What does the SQL command SHOW COLUMNS do?

- 1) Displays information about columns in a table
- 2) Shows data in a table

- 3) Displays all tables in a database
- 4) Shows indexes in a table

Answer : Option 1

How can you get the last inserted ID in MySQL?

- 1) SELECT LAST\_INSERT\_ID();
- 2) GET LAST\_ID();
- 3) FETCH LAST\_ID();
- 4) RETURN LAST\_INSERT\_ID();

Answer : Option 1

What SQL command is used to create a temporary table?

- 1) CREATE TEMPORARY TABLE table\_name;
- 2) NEW TEMPORARY TABLE table\_name;
- 3) CREATE TABLE TEMP table\_name;
- 4) DEFINE TEMPORARY TABLE table\_name;

Answer : Option 1

Which MySQL function is used to retrieve the number of rows affected by the last statement?

- 1) ROW\_COUNT()
- 2) COUNT\_ROWS()
- 3) AFFECTED\_ROWS()
- 4) LAST\_ROWS()

Answer : Option 1

Which SQL command is used to remove a table from a database?

- 1) DELETE TABLE table\_name;
- 2) DROP TABLE table\_name;
- 3) REMOVE TABLE table\_name;
- 4) CLEAR TABLE table\_name;

Answer : Option 2

**What is the purpose of the SQL COUNT() function?**

- 1) To count the number of rows in a query
- 2) To sum the values in a column
- 3) To find the average value
- 4) To get the maximum value

**Answer :** Option 1

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Which keyword is used to combine rows from two or more tables based on a related column?

- 1) UNION
- 2) JOIN
- 3) MERGE
- 4) LINK

Answer : Option 2

What does the SQL command SELECT \* do?

- 1) Retrieves all columns from a table
- 2) Retrieves specific columns from a table
- 3) Retrieves no data
- 4) Retrieves unique records only

Answer : Option 1

Which SQL clause is used to group rows that have the same values in specified columns?

- 1) GROUP BY
- 2) ORDER BY
- 3) HAVING
- 4) DISTINCT

Answer : Option 1

What is the function of the MySQL NOW() function?

- 1) Returns the current date and time
- 2) Returns the current date
- 3) Returns the current time
- 4) Returns the date of the last record

Answer : Option 1

How do you select the first 5 records from a table?

- 1) SELECT \* FROM table\_name LIMIT 5;
- 2) SELECT FIRST 5 FROM table\_name;



- 3) SELECT TOP 5 \* FROM table\_name;
- 4) SELECT \* FROM table\_name MAX 5;

Answer : Option 1

Which command is used to update the data in a MySQL table?

- 1) CHANGE
- 2) UPDATE
- 3) MODIFY
- 4) SET

Answer : Option 2

What is the purpose of the SQL HAVING clause?

- 1) To filter records after grouping
- 2) To sort records
- 3) To limit the number of records
- 4) To join tables

Answer : Option 1

Which SQL command is used to create a new user in MySQL?

- 1) CREATE USER user\_name;
- 2) ADD USER user\_name;
- 3) NEW USER user\_name;
- 4) INSERT USER user\_name;

Answer : Option 1

How can you retrieve a random row from a MySQL table?

- 1) SELECT \* FROM table\_name ORDER BY RAND() LIMIT 1;
- 2) SELECT \* FROM table\_name RANDOM LIMIT 1;
- 3) SELECT RANDOM FROM table\_name;
- 4) GET RANDOM ROW FROM table\_name;

Answer : Option 1

**What is the function of the SQL LIKE operator?**

- 1) To search for a specified pattern in a column
- 2) To match exact values
- 3) To find records that contain NULL
- 4) To sort values in a column

**Answer :** Option 1

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Which SQL command is used to back up a MySQL database?

- 1) BACKUP DATABASE database\_name;
- 2) mysqldump database\_name;
- 3) EXPORT DATABASE database\_name;
- 4) SAVE DATABASE database\_name;

Answer : Option 2

What is the purpose of the SQL DISTINCT keyword?

- 1) To return unique values
- 2) To sort values
- 3) To limit results
- 4) To group values

Answer : Option 1

How do you create a trigger in MySQL?

- 1) CREATE TRIGGER trigger\_name;
- 2) ADD TRIGGER trigger\_name;
- 3) DEFINE TRIGGER trigger\_name;
- 4) NEW TRIGGER trigger\_name;

Answer : Option 1

Which function is used to find the total number of characters in a string?

- 1) LEN()
- 2) COUNT()
- 3) LENGTH()
- 4) CHAR\_LENGTH()

Answer : Option 3

What is a foreign key in MySQL?

- 1) A key used to link two tables together
- 2) A key that uniquely identifies a record

- 3) A key that cannot be NULL
- 4) A primary key of another table

Answer : Option 1

How do you change the data type of an existing column in MySQL?

- 1) ALTER TABLE table\_name MODIFY column\_name new\_data\_type;
- 2) ALTER TABLE table\_name CHANGE column\_name new\_data\_type;
- 3) CHANGE COLUMN column\_name TO new\_data\_type;
- 4) MODIFY TABLE table\_name CHANGE column\_name new\_data\_type;

Answer : Option 1

Which command is used to remove a column from a MySQL table?

- 1) ALTER TABLE table\_name DROP COLUMN column\_name;
- 2) REMOVE COLUMN column\_name FROM table\_name;
- 3) DELETE COLUMN column\_name FROM table\_name;
- 4) CLEAR COLUMN column\_name IN table\_name;

Answer : Option 1

What is the maximum length of a VARCHAR column in MySQL?

- 1) 255 characters
- 2) 65,535 characters
- 3) 16,383 characters
- 4) 1,000 characters

Answer : Option 2

Which command is used to import data from a file into a MySQL table?

- 1) LOAD DATA INFILE
- 2) IMPORT FILE
- 3) INSERT FROM FILE
- 4) UPLOAD FILE

Answer : Option 1

How do you create an index on a column in MySQL?

- 1) CREATE INDEX index\_name ON table\_name (column\_name);
- 2) ADD INDEX index\_name TO table\_name (column\_name);
- 3) SET INDEX index\_name FOR table\_name (column\_name);
- 4) DEFINE INDEX index\_name IN table\_name (column\_name);

Answer : Option 1

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**What is the purpose of the SQL UNION operator?**

- 1) To combine the result sets of two or more SELECT statements
- 2) To combine two tables
- 3) To merge rows from different tables
- 4) To filter results from two queries

**Answer :** Option 1

**Which function is used to calculate the sum of a numeric column?**

- 1) SUM()
- 2) TOTAL()
- 3) ADD()
- 4) COUNT()

**Answer :** Option 1

**How do you delete all records from a table without deleting the table structure?**

- 1) TRUNCATE TABLE table\_name;
- 2) DELETE FROM table\_name;
- 3) REMOVE ALL FROM table\_name;
- 4) CLEAR TABLE table\_name;

**Answer :** Option 1

**What does the SQL command GRANT do?**

- 1) Gives privileges to a user
- 2) Removes privileges from a user
- 3) Creates a new user
- 4) Shows user privileges

**Answer :** Option 1

**Which command is used to show the structure of a table?**

- 1) DESCRIBE table\_name;
- 2) SHOW TABLE table\_name;

3) VIEW TABLE table\_name;

4) STRUCTURE table\_name;

Answer : Option 1

What is the purpose of the SQL WHERE clause?

1) To filter records based on specific conditions

2) To sort records

3) To group records

4) To join tables

Answer : Option 1

How can you create a new database in MySQL?

1) CREATE DATABASE database\_name;

2) NEW DATABASE database\_name;

3) ADD DATABASE database\_name;

4) MAKE DATABASE database\_name;

Answer : Option 1

Which command is used to change a user s password in MySQL?

1) ALTER USER user\_name IDENTIFIED BY new\_password;

2) SET USER user\_name PASSWORD new\_password;

3) CHANGE PASSWORD FOR user\_name;

4) UPDATE USER user\_name SET PASSWORD new\_password;

Answer : Option 1

What is a MySQL view?

1) A virtual table based on the result set of a SELECT query

2) A physical copy of a table

3) A backup of a table

4) An index on a table

Answer : Option 1

Which SQL function is used to return the current system date?

- 1) CURDATE()
- 2) CURRENT\_DATE()
- 3) GET\_DATE()
- 4) NOW()

Answer : Option 1

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How do you rename a MySQL database?

- 1) ALTER DATABASE old\_name RENAME TO new\_name;
- 2) RENAME DATABASE old\_name TO new\_name;
- 3) CHANGE DATABASE old\_name TO new\_name;
- 4) MODIFY DATABASE old\_name SET new\_name;

Answer : Option 1

Which command is used to fetch records in ascending order?

- 1) ORDER BY column\_name ASC;
- 2) SORT BY column\_name;
- 3) FILTER BY column\_name;
- 4) GROUP BY column\_name ASC;

Answer : Option 1

What is the use of the SQL GROUP\_CONCAT function?

- 1) To concatenate values from multiple rows into a single string
- 2) To group records by a specific column
- 3) To count unique values
- 4) To sum values in a group

Answer : Option 1

How do you disable a trigger in MySQL?

- 1) ALTER TRIGGER trigger\_name DISABLE;
- 2) DISABLE TRIGGER trigger\_name;
- 3) DROP TRIGGER trigger\_name;
- 4) REMOVE TRIGGER trigger\_name;

Answer : Option 1

Which command is used to check the status of the MySQL server?

- 1) SHOW STATUS;
- 2) CHECK STATUS;

3) SERVER STATUS;

4) STATUS;

Answer : Option 1

What is the function of the SQL REPLACE() function?

1) To replace occurrences of a substring in a string

2) To find a substring

3) To insert a new record

4) To delete a record

Answer : Option 1

Which keyword is used to create a new table in MySQL?

1) CREATE TABLE table\_name;

2) NEW TABLE table\_name;

3) ADD TABLE table\_name;

4) DEFINE TABLE table\_name;

Answer : Option 1

What does the SQL command SELECT DISTINCT do?

1) Retrieves unique values from a column

2) Retrieves all values from a column

3) Retrieves no data

4) Retrieves first occurrence only

Answer : Option 1

How do you specify the character set for a MySQL table?

1) CREATE TABLE table\_name (column\_name VARCHAR(255) CHARACTER SET charset\_name);

2) SET CHARACTER SET FOR table\_name;

3) DEFINE CHARACTER SET table\_name;

4) CHARACTER SET FOR table\_name;

Answer : Option 1

Which command is used to get the index information for a table?

- 1) SHOW INDEX FROM table\_name;
- 2) DESCRIBE table\_name;
- 3) INDEX TABLE table\_name;
- 4) GET INDEXES FOR table\_name;

Answer : Option 1

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**What is the purpose of the SQL INSERT IGNORE statement?**

- 1) To insert a new row and ignore errors
- 2) To insert a new row only if it does not exist
- 3) To update an existing row
- 4) To replace a row

**Answer :** Option 1

**Which SQL statement is used to create a new table in MySQL?**

- 1) NEW TABLE table\_name;
- 2) CREATE TABLE table\_name;
- 3) ADD TABLE table\_name;
- 4) DEFINE TABLE table\_name;

**Answer :** Option 2

**What does the SQL SELECT COUNT(\*) function return?**

- 1) The number of rows in a table
- 2) The number of columns in a table
- 3) The number of unique values
- 4) The maximum value in a column

**Answer :** Option 1

**What is the purpose of the SQL LIMIT clause?**

- 1) To restrict the number of records returned
- 2) To filter records
- 3) To sort records
- 4) To group records

**Answer :** Option 1

**How do you update a record in a MySQL table?**

- 1) UPDATE table\_name SET column\_name=value WHERE condition;
- 2) CHANGE table\_name SET column\_name=value WHERE condition;

- 3) MODIFY table\_name SET column\_name=value WHERE condition;
- 4) ALTER table\_name SET column\_name=value WHERE condition;

Answer : Option 1

Which SQL statement is used to delete a table in MySQL?

- 1) DELETE TABLE table\_name;
- 2) DROP TABLE table\_name;
- 3) REMOVE TABLE table\_name;
- 4) CLEAR TABLE table\_name;

Answer : Option 2

What does the SQL GROUP BY clause do?

- 1) Groups rows that have the same values
- 2) Orders the result set
- 3) Filters records
- 4) Limits the number of records

Answer : Option 1

How can you select unique values from a column?

- 1) SELECT UNIQUE column\_name FROM table\_name;
- 2) SELECT DISTINCT column\_name FROM table\_name;
- 3) SELECT DIFFERENT column\_name FROM table\_name;
- 4) SELECT UNIQUE VALUES column\_name FROM table\_name;

Answer : Option 2

What is the function of the SQL COALESCE() function?

- 1) Returns the first non-null value in a list
- 2) Counts the number of rows
- 3) Concatenates strings
- 4) Finds the maximum value

Answer : Option 1

Which SQL statement is used to change the name of a column in MySQL?

- 1) ALTER TABLE table\_name CHANGE old\_column\_name new\_column\_name;
- 2) MODIFY TABLE table\_name CHANGE old\_column\_name new\_column\_name;
- 3) RENAME COLUMN old\_column\_name TO new\_column\_name;
- 4) CHANGE COLUMN old\_column\_name TO new\_column\_name;

Answer : Option 1

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How can you add a new column to an existing MySQL table?

- 1) ALTER TABLE table\_name ADD new\_column\_name data\_type;
- 2) MODIFY TABLE table\_name ADD new\_column\_name data\_type;
- 3) CHANGE TABLE table\_name ADD new\_column\_name data\_type;
- 4) APPEND COLUMN new\_column\_name TO table\_name;

Answer : Option 1

What is the default port number for MySQL?

- 1) 3306
- 2) 5432
- 3) 8080
- 4) 1521

Answer : Option 1

Which statement is used to create a foreign key in MySQL?

- 1) CREATE FOREIGN KEY (column\_name);
- 2) ADD FOREIGN KEY (column\_name);
- 3) ALTER TABLE table\_name ADD CONSTRAINT fk\_name FOREIGN KEY (column\_name);
- 4) INSERT FOREIGN KEY (column\_name);

Answer : Option 3

How do you remove all records from a table without removing the table structure?

- 1) DELETE FROM table\_name;
- 2) TRUNCATE TABLE table\_name;
- 3) CLEAR TABLE table\_name;
- 4) DROP TABLE table\_name;

Answer : Option 2

What is the function of the SQL DATE\_FORMAT() function?

- 1) Formats date values based on the specified format
- 2) Calculates the difference between dates

- 3) Converts a string to date
- 4) Extracts the year from a date

Answer : Option 1

Which statement is used to create an index in MySQL?

- 1) CREATE INDEX index\_name ON table\_name (column\_name);
- 2) ADD INDEX index\_name TO table\_name (column\_name);
- 3) SET INDEX index\_name FOR table\_name (column\_name);
- 4) DEFINE INDEX index\_name IN table\_name (column\_name);

Answer : Option 1

What does the SQL INNER JOIN keyword do?

- 1) Returns records with matching values in both tables
- 2) Returns all records from one table
- 3) Returns records with no matching values
- 4) Returns all records regardless of matching

Answer : Option 1

How do you find the maximum value in a column?

- 1) SELECT MAX(column\_name) FROM table\_name;
- 2) SELECT HIGH(column\_name) FROM table\_name;
- 3) SELECT TOP(column\_name) FROM table\_name;
- 4) SELECT HIGHEST(column\_name) FROM table\_name;

Answer : Option 1

What is the purpose of the SQL SUBSTRING() function?

- 1) Extracts a substring from a string
- 2) Finds the length of a string
- 3) Concatenates strings
- 4) Converts a string to uppercase

Answer : Option 1



How do you add a primary key to an existing MySQL table?

- 1) ALTER TABLE table\_name ADD PRIMARY KEY (column\_name);
- 2) MODIFY TABLE table\_name ADD PRIMARY KEY (column\_name);
- 3) CHANGE TABLE table\_name ADD PRIMARY KEY (column\_name);
- 4) SET PRIMARY KEY ON table\_name (column\_name);

Answer : Option 1

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**Which command is used to grant privileges to a user?**

- 1) GRANT ALL ON database\_name TO user\_name;
- 2) ALLOW ALL ON database\_name FOR user\_name;
- 3) GIVE ALL TO user\_name;
- 4) SET PRIVILEGES ON database\_name FOR user\_name;

**Answer :** Option 1

**What is the use of the SQL CONCAT() function?**

- 1) To concatenate two or more strings
- 2) To find the length of a string
- 3) To convert a string to uppercase
- 4) To format date values

**Answer :** Option 1

**Which command is used to retrieve data from a MySQL table?**

- 1) SELECT \* FROM table\_name;
- 2) GET ALL FROM table\_name;
- 3) RETRIEVE FROM table\_name;
- 4) SHOW table\_name;

**Answer :** Option 1

**What is a MySQL stored procedure?**

- 1) A set of SQL statements that can be stored and executed
- 2) A backup of a database
- 3) A type of index
- 4) A temporary table

**Answer :** Option 1

**How do you rename a table in MySQL?**

- 1) ALTER TABLE old\_table\_name RENAME TO new\_table\_name;
- 2) RENAME TABLE old\_table\_name TO new\_table\_name;

3) `CHANGE TABLE old_table_name TO new_table_name;`

4) `MODIFY TABLE old_table_name AS new_table_name;`

**Answer :** Option 1

**What is the function of the SQL ROUND() function?**

1) Rounds a numeric value to a specified number of decimal places

2) Finds the average value

3) Calculates the sum

4) Finds the maximum value

**Answer :** Option 1

**How can you fetch the current user in MySQL?**

1) `SELECT CURRENT_USER();`

2) `SELECT USER();`

3) `SELECT ACTIVE_USER();`

4) `SELECT SESSION_USER();`

**Answer :** Option 1

**What does the SQL command SHOW TABLES do?**

1) Displays a list of all tables in a database

2) Creates a new table

3) Deletes a table

4) Modifies a table

**Answer :** Option 1

**Which command is used to create a view in MySQL?**

1) `CREATE VIEW view_name AS SELECT columns FROM table_name;`

2) `ADD VIEW view_name AS SELECT columns FROM table_name;`

3) `DEFINE VIEW view_name FROM SELECT columns;`

4) `NEW VIEW view_name AS SELECT columns;`

**Answer :** Option 1

**What is the purpose of the SQL EXPLAIN statement?**

- 1) Provides information about how MySQL executes a query
- 2) Creates a new table
- 3) Updates data
- 4) Fetches records

**Answer :** Option 1

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How do you set a default value for a column in MySQL?

- 1) ALTER TABLE table\_name ALTER column\_name SET DEFAULT value;
- 2) CREATE TABLE table\_name (column\_name data\_type DEFAULT value);
- 3) SET DEFAULT column\_name=value;
- 4) ALTER TABLE table\_name CHANGE column\_name column\_name data\_type DEFAULT value;

Answer : Option 2

Which function is used to convert a string to an integer in MySQL?

- 1) CONVERT()
- 2) CAST()
- 3) TO\_NUMBER()
- 4) INT()

Answer : Option 2

What does the SQL SHOW DATABASES command do?

- 1) Displays all databases on the MySQL server
- 2) Creates a new database
- 3) Deletes a database
- 4) Updates a database

Answer : Option 1

How do you add a comment to your SQL code?

- 1) -- This is a comment
- 2) # This is a comment
- 3) /\* This is a comment \*/
- 4) All of the above

Answer : Option 4

What does the SQL CHAR\_LENGTH() function return?

- 1) The number of characters in a string
- 2) The number of bytes used by a string

- 3) The number of words in a string
- 4) The maximum length of a string

Answer : Option 1

Which command is used to lock a table in MySQL?

- 1) LOCK TABLE table\_name;
- 2) TABLE LOCK table\_name;
- 3) SET LOCK table\_name;
- 4) ALTER TABLE table\_name LOCK;

Answer : Option 1

How do you retrieve the current date and time in MySQL?

- 1) SELECT NOW();
- 2) SELECT CURRENT\_DATE\_TIME();
- 3) SELECT GET\_DATE();
- 4) SELECT TIME();

Answer : Option 1

What is a temporary table in MySQL?

- 1) A table that exists temporarily during a session
- 2) A table that is permanently deleted
- 3) A backup table
- 4) An index table

Answer : Option 1

How do you prevent SQL injection in MySQL?

- 1) Use prepared statements
- 2) Use regular expressions
- 3) Escape all inputs
- 4) All of the above

Answer : Option 4

Which command is used to unlock a table in MySQL?

- 1) UNLOCK TABLE table\_name;
- 2) TABLE UNLOCK table\_name;
- 3) SET UNLOCK table\_name;
- 4) ALTER TABLE table\_name UNLOCK;

Answer : Option 1

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**What does the SQL LEFT JOIN keyword do?**

- 1) Returns all records from the left table and matched records from the right table
- 2) Returns all records from the right table
- 3) Returns records with no matching values
- 4) Returns all records regardless of matching

**Answer :** Option 1

**How do you create a backup of a MySQL database?**

- 1) mysqldump -u user -p database\_name > backup.sql
- 2) BACKUP DATABASE database\_name;
- 3) COPY DATABASE database\_name TO backup;
- 4) EXPORT DATABASE database\_name;

**Answer :** Option 1

**What is the purpose of the SQL UNION operator?**

- 1) Combines the result sets of two or more SELECT statements
- 2) Filters records
- 3) Joins tables
- 4) Groups records

**Answer :** Option 1

**Which SQL statement is used to add a new row to a table?**

- 1) INSERT INTO table\_name VALUES (value1, value2);
- 2) ADD ROW table\_name (value1, value2);
- 3) APPEND table\_name (value1, value2);
- 4) INSERT ROW table\_name (value1, value2);

**Answer :** Option 1

**How do you find the length of a string in MySQL?**

- 1) SELECT LENGTH(string\_column) FROM table\_name;
- 2) SELECT SIZE(string\_column) FROM table\_name;



3) SELECT STRING\_LENGTH(string\_column) FROM table\_name;

4) SELECT COUNT(string\_column) FROM table\_name;

Answer : Option 1

What is the default storage engine for MySQL?

1) InnoDB

2) MyISAM

3) MEMORY

4) CSV

Answer : Option 1

How can you delete a record from a table?

1) DELETE FROM table\_name WHERE condition;

2) REMOVE FROM table\_name WHERE condition;

3) DROP FROM table\_name WHERE condition;

4) CLEAR FROM table\_name WHERE condition;

Answer : Option 1

What is the purpose of the SQL DISTINCT keyword?

1) To return unique values

2) To filter records

3) To sort results

4) To group records

Answer : Option 1

Which function is used to return the current date in MySQL?

1) CURRENT\_DATE()

2) GET\_DATE()

3) NOW()

4) TODAY()

Answer : Option 1

**What is the function of the SQL AVG() function?**

- 1) Calculates the average value
- 2) Finds the maximum value
- 3) Counts the number of rows
- 4) Calculates the sum

**Answer :** Option 1

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Which command is used to change a user's password in MySQL?

- 1) ALTER USER user\_name IDENTIFIED BY "new\_password";
- 2) UPDATE USER user\_name SET PASSWORD="new\_password";
- 3) CHANGE USER user\_name TO "new\_password";
- 4) MODIFY USER user\_name PASSWORD="new\_password";

Answer : Option 1

How do you create a composite primary key in MySQL?

- 1) CREATE TABLE table\_name (column1 data\_type, column2 data\_type, PRIMARY KEY (column1, column2));
- 2) ALTER TABLE table\_name ADD PRIMARY KEY (column1, column2);
- 3) SET PRIMARY KEY (column1, column2) ON table\_name;
- 4) CREATE TABLE table\_name (column1 data\_type, column2 data\_type, UNIQUE (column1, column2));

Answer : Option 1

What does the SQL IFNULL() function do?

- 1) Returns the first argument if it is not NULL, otherwise returns the second argument
- 2) Checks if a value is NULL
- 3) Converts NULL to 0
- 4) Replaces NULL values with empty strings

Answer : Option 1

Which command is used to set a variable in MySQL?

- 1) SET @variable\_name = value;
- 2) DEFINE variable\_name = value;
- 3) DECLARE variable\_name = value;
- 4) CREATE variable\_name = value;

Answer : Option 1

What is the purpose of the SQL TRIM() function?

- 1) Removes whitespace from both sides of a string
- 2) Finds the length of a string

- 3) Converts a string to uppercase
- 4) Concatenates strings

Answer : Option 1

Which function is used to convert a string to lowercase in MySQL?

- 1) LOWER()
- 2) LOW()
- 3) TO\_LOWER()
- 4) LCASE()

Answer : Option 1

How do you find records with NULL values in a column?

- 1) SELECT \* FROM table\_name WHERE column\_name IS NULL;
- 2) SELECT \* FROM table\_name WHERE column\_name = NULL;
- 3) SELECT \* FROM table\_name WHERE column\_name IS EMPTY;
- 4) SELECT \* FROM table\_name WHERE column\_name NOT PRESENT;

Answer : Option 1

Which command is used to modify an existing column in MySQL?

- 1) ALTER TABLE table\_name MODIFY column\_name data\_type;
- 2) CHANGE TABLE table\_name CHANGE column\_name data\_type;
- 3) UPDATE TABLE table\_name SET column\_name = data\_type;
- 4) MODIFY TABLE table\_name ALTER column\_name data\_type;

Answer : Option 1

What does the SQL DATE\_ADD() function do?

- 1) Adds a time interval to a date
- 2) Subtracts a time interval from a date
- 3) Formats a date
- 4) Extracts the year from a date

Answer : Option 1

**Which SQL command is used to remove a database?**

- 1) DROP DATABASE database\_name;
- 2) DELETE DATABASE database\_name;
- 3) REMOVE DATABASE database\_name;
- 4) CLEAR DATABASE database\_name;

**Answer :** Option 1

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How do you create a new database in MySQL?

- 1) CREATE DATABASE database\_name;
- 2) NEW DATABASE database\_name;
- 3) ADD DATABASE database\_name;
- 4) DEFINE DATABASE database\_name;

Answer : Option 1

What does the SQL LIMIT clause do?

- 1) Limits the number of rows returned
- 2) Filters records
- 3) Sorts records
- 4) Groups records

Answer : Option 1

How do you retrieve the last inserted ID in MySQL?

- 1) SELECT LAST\_INSERT\_ID();
- 2) SELECT MAX(id) FROM table\_name;
- 3) SELECT GET\_LAST\_ID();
- 4) SELECT LAST\_ID();

Answer : Option 1

Which command is used to import a CSV file into MySQL?

- 1) LOAD DATA INFILE 'file.csv' INTO TABLE table\_name;
- 2) IMPORT DATA FROM 'file.csv' INTO TABLE table\_name;
- 3) UPLOAD 'file.csv' TO table\_name;
- 4) INSERT FROM 'file.csv' INTO table\_name;

Answer : Option 1

How can you create a temporary table in MySQL?

- 1) CREATE TEMPORARY TABLE temp\_table\_name;
- 2) CREATE TABLE temp\_table\_name TEMP;

- 3) NEW TEMPORARY TABLE temp\_table\_name;
- 4) CREATE TABLE temp\_table\_name WITH TEMP;

Answer : Option 1

Which SQL function is used to count the number of rows?

- 1) COUNT()
- 2) SUM()
- 3) TOTAL()
- 4) NUMBER()

Answer : Option 1

What does the SQL CONCAT\_WS() function do?

- 1) Concatenates strings with a separator
- 2) Finds the length of a string
- 3) Extracts substrings
- 4) Counts characters

Answer : Option 1

How do you add an auto-increment attribute to a column?

- 1) CREATE TABLE table\_name (column\_name INT AUTO\_INCREMENT);
- 2) ALTER TABLE table\_name ADD column\_name INT AUTO\_INCREMENT;
- 3) MODIFY TABLE table\_name column\_name INT AUTO\_INCREMENT;
- 4) ADD column\_name INT AUTO\_INCREMENT TO table\_name;

Answer : Option 1

What does the SQL GROUP\_CONCAT() function do?

- 1) Concatenates values from multiple rows into a single string
- 2) Counts the number of unique values
- 3) Calculates the average of a column
- 4) Finds the maximum value

Answer : Option 1

Which command is used to display the structure of a table?

- 1) DESCRIBE table\_name;
- 2) SHOW COLUMNS FROM table\_name;
- 3) SHOW TABLE STRUCTURE table\_name;
- 4) VIEW table\_name;

Answer : Option 1

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What does the SQL SUBSTRING\_INDEX() function do?

- 1) Returns a substring from a string before a specified delimiter
- 2) Finds the index of a substring
- 3) Extracts a substring from a string
- 4) Returns the last character of a string

Answer : Option 1

How do you perform a cross join in MySQL?

- 1) SELECT \* FROM table1 CROSS JOIN table2;
- 2) SELECT \* FROM table1, table2;
- 3) JOIN table1 AND table2;
- 4) SELECT \* FROM table1 INNER JOIN table2;

Answer : Option 1

Which command is used to flush the privileges in MySQL?

- 1) FLUSH PRIVILEGES;
- 2) RESET PRIVILEGES;
- 3) CLEAR PRIVILEGES;
- 4) REFRESH PRIVILEGES;

Answer : Option 1

How do you create an index on a column in MySQL?

- 1) CREATE INDEX index\_name ON table\_name (column\_name);
- 2) ALTER TABLE table\_name ADD INDEX index\_name (column\_name);
- 3) INDEX table\_name (column\_name);
- 4) SET INDEX index\_name ON table\_name (column\_name);

Answer : Option 1

What does the SQL FIND\_IN\_SET() function do?

- 1) Finds the position of a value in a comma-separated list
- 2) Counts the number of elements in a set

- 3) Calculates the sum of a set
- 4) Finds the maximum value in a set

Answer : Option 1

How do you create a backup of a table?

- 1) CREATE TABLE new\_table AS SELECT \* FROM old\_table;
- 2) COPY old\_table TO new\_table;
- 3) EXPORT old\_table TO new\_table;
- 4) BACKUP TABLE old\_table TO new\_table;

Answer : Option 1

Which SQL statement is used to modify an existing table?

- 1) ALTER TABLE table\_name;
- 2) CHANGE TABLE table\_name;
- 3) UPDATE TABLE table\_name;
- 4) MODIFY TABLE table\_name;

Answer : Option 1

What is the purpose of the SQL EXISTS operator?

- 1) Tests for the existence of any record in a subquery
- 2) Counts the number of records
- 3) Returns true if a condition is met
- 4) Checks if a value exists in a list

Answer : Option 1

How do you change the character set of a database in MySQL?

- 1) ALTER DATABASE database\_name CHARACTER SET utf8;
- 2) SET CHARACTER SET database\_name TO utf8;
- 3) CHANGE DATABASE database\_name CHARACTER SET utf8;
- 4) MODIFY DATABASE database\_name TO CHARACTER SET utf8;

Answer : Option 1

Which function is used to calculate the sum of a column in MySQL?

- 1) SUM()
- 2) TOTAL()
- 3) COUNT()
- 4) ADD()

Answer : Option 1

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**What does the SQL NOT NULL constraint do?**

- 1) Ensures a column cannot have a NULL value
- 2) Allows NULL values
- 3) Sets a default value
- 4) Creates a unique column

**Answer :** Option 1

**How do you rename a table in MySQL?**

- 1) RENAME TABLE old\_name TO new\_name;
- 2) ALTER TABLE old\_name RENAME TO new\_name;
- 3) CHANGE TABLE old\_name TO new\_name;
- 4) UPDATE TABLE old\_name SET name = new\_name;

**Answer :** Option 1

**What is the function of the SQL UPPER() function?**

- 1) Converts a string to uppercase
- 2) Finds the length of a string
- 3) Counts characters
- 4) Extracts a substring

**Answer :** Option 1

**Which command is used to execute a stored procedure?**

- 1) CALL procedure\_name();
- 2) EXECUTE procedure\_name();
- 3) RUN procedure\_name();
- 4) INVOKE procedure\_name();

**Answer :** Option 1

**What does the SQL COALESCE() function do?**

- 1) Returns the first non-NULL value in a list
- 2) Counts the number of non-NULL values

3) Finds the minimum value

4) Concatenates strings

Answer : Option 1

How do you drop a column from a table?

1) ALTER TABLE table\_name DROP column\_name;

2) DELETE COLUMN column\_name FROM table\_name;

3) REMOVE COLUMN column\_name FROM table\_name;

4) DROP COLUMN column\_name FROM table\_name;

Answer : Option 1

Which command is used to set a specific time zone in MySQL?

1) SET time\_zone = 'timezone';

2) CHANGE time\_zone TO 'timezone';

3) ALTER time\_zone TO 'timezone';

4) CONFIGURE time\_zone = 'timezone';

Answer : Option 1

How do you create a view in MySQL?

1) CREATE VIEW view\_name AS SELECT \* FROM table\_name;

2) DEFINE VIEW view\_name AS SELECT \* FROM table\_name;

3) NEW VIEW view\_name AS SELECT \* FROM table\_name;

4) ALTER VIEW view\_name AS SELECT \* FROM table\_name;

Answer : Option 1

What does the SQL ROLLBACK command do?

1) Reverts the database to the last commit

2) Commits the current transaction

3) Starts a new transaction

4) Saves the current state of the database

Answer : Option 1

How can you change a data type of a column in MySQL?

- 1) ALTER TABLE table\_name MODIFY column\_name new\_data\_type;
- 2) CHANGE TABLE table\_name CHANGE column\_name new\_data\_type;
- 3) UPDATE TABLE table\_name SET column\_name = new\_data\_type;
- 4) MODIFY TABLE table\_name column\_name new\_data\_type;

Answer : Option 1

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Which SQL statement is used to update existing records in a table?

- 1) UPDATE table\_name SET column1 = value1;
- 2) MODIFY table\_name SET column1 = value1;
- 3) CHANGE table\_name SET column1 = value1;
- 4) ALTER table\_name SET column1 = value1;

Answer : Option 1

What is the purpose of the SQL HAVING clause?

- 1) Filters records after grouping
- 2) Filters records before grouping
- 3) Sorts the records
- 4) Joins two tables

Answer : Option 1

How do you select all columns from a table in MySQL?

- 1) SELECT \* FROM table\_name;
- 2) SELECT ALL FROM table\_name;
- 3) SELECT COLUMNS FROM table\_name;
- 4) SELECT EVERY COLUMN FROM table\_name;

Answer : Option 1

Which SQL function is used to find the maximum value in a column?

- 1) MAX()
- 2) TOP()
- 3) HIGHEST()
- 4) GREATEST()

Answer : Option 1

What does the SQL UNION operator do?

- 1) Combines the results of two or more SELECT statements
- 2) Joins two tables

3) Filters records

4) Sorts results

Answer : Option 1

How can you add a foreign key constraint in MySQL?

1) ALTER TABLE table\_name ADD FOREIGN KEY (column\_name) REFERENCES other\_table(column\_name);

2) ADD FOREIGN KEY (column\_name) TO table\_name;

3) CREATE FOREIGN KEY (column\_name) ON table\_name;

4) LINK column\_name TO other\_table(column\_name);

Answer : Option 1

Which command is used to show all databases in MySQL?

1) SHOW DATABASES;

2) LIST DATABASES;

3) SHOW ALL DATABASES;

4) DISPLAY DATABASES;

Answer : Option 1

What is the SQL command to show the current user?

1) SELECT CURRENT\_USER();

2) SHOW USER();

3) SELECT USER();

4) GET USER();

Answer : Option 1

How do you remove all records from a table without deleting the table itself?

1) TRUNCATE TABLE table\_name;

2) DELETE ALL FROM table\_name;

3) DROP TABLE table\_name;

4) REMOVE ALL FROM table\_name;

Answer : Option 1



Which SQL keyword is used to prevent duplicate records?

- 1) DISTINCT
- 2) UNIQUE
- 3) NO\_DUPLICATES
- 4) DIFFERENT

Answer : Option 1

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How do you retrieve a specific number of records in MySQL?

- 1) SELECT \* FROM table\_name LIMIT number;
- 2) SELECT TOP number FROM table\_name;
- 3) SELECT FIRST number FROM table\_name;
- 4) SELECT number ROWS FROM table\_name;

Answer : Option 1

What is the purpose of the SQL FORMAT() function?

- 1) Formats a number or date
- 2) Counts records
- 3) Concatenates strings
- 4) Finds the average value

Answer : Option 1

Which SQL statement is used to create a new user in MySQL?

- 1) CREATE USER 'username'@'host' IDENTIFIED BY 'password';
- 2) ADD USER 'username'@'host' 'password';
- 3) NEW USER 'username'@'host' 'password';
- 4) REGISTER USER 'username'@'host' 'password';

Answer : Option 1

What does the SQL CONVERT() function do?

- 1) Converts a value from one data type to another
- 2) Formats a string
- 3) Counts characters
- 4) Extracts substrings

Answer : Option 1

How do you change the default character set of a table?

- 1) ALTER TABLE table\_name CONVERT TO CHARACTER SET utf8;
- 2) SET CHARACTER SET FOR table\_name TO utf8;

- 3) CHANGE CHARACTER SET FOR table\_name TO utf8;
- 4) MODIFY CHARACTER SET FOR table\_name TO utf8;

Answer : Option 1

Which SQL command is used to create an index on a table?

- 1) CREATE INDEX index\_name ON table\_name (column\_name);
- 2) ADD INDEX index\_name ON table\_name (column\_name);
- 3) SET INDEX index\_name FOR table\_name (column\_name);
- 4) INDEX table\_name (column\_name);

Answer : Option 1

What does the SQL TRUNCATE command do?

- 1) Removes all records from a table quickly
- 2) Deletes a specific record from a table
- 3) Removes the table structure
- 4) Drops the database

Answer : Option 1

How do you fetch unique records from a table?

- 1) SELECT DISTINCT column\_name FROM table\_name;
- 2) SELECT UNIQUE column\_name FROM table\_name;
- 3) SELECT NO\_DUPLICATES column\_name FROM table\_name;
- 4) SELECT DIFFERENT column\_name FROM table\_name;

Answer : Option 1

Which function is used to count the number of rows that match a specified criterion?

- 1) COUNT()
- 2) SUM()
- 3) TOTAL()
- 4) NUMBER()

Answer : Option 1

How do you execute a stored procedure in MySQL?

- 1) CALL procedure\_name();
- 2) EXEC procedure\_name();
- 3) RUN procedure\_name();
- 4) INVOKE procedure\_name();

Answer : Option 1

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**What is the purpose of the SQL LIKE operator?**

- 1) Searches for a specified pattern in a column
- 2) Filters records based on equality
- 3) Joins two tables
- 4) Sorts records

**Answer :** Option 1

**Which SQL statement is used to drop a table?**

- 1) DROP TABLE table\_name;
- 2) REMOVE TABLE table\_name;
- 3) DELETE TABLE table\_name;
- 4) CLEAR TABLE table\_name;

**Answer :** Option 1

**What does the SQL GROUP BY clause do?**

- 1) Groups rows sharing a property so aggregate functions can be applied
- 2) Filters records
- 3) Sorts the results
- 4) Joins two tables

**Answer :** Option 1

**How do you find a specific record in a table?**

- 1) SELECT \* FROM table\_name WHERE condition;
- 2) GET \* FROM table\_name WHERE condition;
- 3) FETCH \* FROM table\_name WHERE condition;
- 4) RETRIEVE \* FROM table\_name WHERE condition;

**Answer :** Option 1

**Which function is used to retrieve the current timestamp in MySQL?**

- 1) CURRENT\_TIMESTAMP()
- 2) NOW()

3) GET\_TIMESTAMP()

4) TIME()

Answer : Option 1

How do you create a new table in MySQL?

1) CREATE TABLE table\_name (column1 data\_type, column2 data\_type);

2) NEW TABLE table\_name (column1 data\_type, column2 data\_type);

3) ADD TABLE table\_name (column1 data\_type, column2 data\_type);

4) DEFINE TABLE table\_name (column1 data\_type, column2 data\_type);

Answer : Option 1

What is the use of the SQL OFFSET clause?

1) Specifies the starting point for the returned records

2) Limits the number of records

3) Filters records

4) Sorts the results

Answer : Option 1

Which SQL statement is used to update a specific column in a table?

1) UPDATE table\_name SET column\_name = new\_value WHERE condition;

2) MODIFY table\_name SET column\_name = new\_value WHERE condition;

3) CHANGE table\_name SET column\_name = new\_value WHERE condition;

4) ALTER table\_name SET column\_name = new\_value WHERE condition;

Answer : Option 1

What does the SQL REPLACE() function do?

1) Replaces all occurrences of a substring with another substring

2) Finds a substring

3) Counts characters

4) Extracts substrings

Answer : Option 1

How do you check the data type of a column in MySQL?

- 1) SHOW COLUMNS FROM table\_name;
- 2) DESCRIBE table\_name;
- 3) SHOW DATA TYPE OF table\_name;
- 4) GET COLUMNS FROM table\_name;

Answer : Option 1

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Which SQL command is used to export data from a table?

- 1) SELECT INTO OUTFILE
- 2) EXPORT TABLE
- 3) SAVE TABLE AS
- 4) COPY TABLE TO

Answer : Option 1

What does the SQL IF statement do?

- 1) Returns a value based on a condition
- 2) Checks for NULL values
- 3) Counts records
- 4) Filters results

Answer : Option 1

How do you limit the number of rows returned by a SELECT statement?

- 1) SELECT \* FROM table\_name LIMIT number;
- 2) SELECT TOP number FROM table\_name;
- 3) SELECT FIRST number FROM table\_name;
- 4) SELECT number ROWS FROM table\_name;

Answer : Option 1

Which SQL function is used to convert a string to a date?

- 1) STR\_TO\_DATE()
- 2) CONVERT\_TO\_DATE()
- 3) CAST\_TO\_DATE()
- 4) DATE\_FROM\_STRING()

Answer : Option 1

How do you create a composite unique constraint in MySQL?

- 1) ALTER TABLE table\_name ADD UNIQUE (column1, column2);
- 2) CREATE UNIQUE (column1, column2) ON table\_name;



3) ADD UNIQUE CONSTRAINT (column1, column2) TO table\_name;

4) DEFINE UNIQUE (column1, column2) ON table\_name;

Answer : Option 1

What is the SQL command to add a comment in the code?

1) -- This is a comment

2) /\* This is a comment \*/

3) # This is a comment

4) COMMENT This is a comment

Answer : Option 1

How do you get the number of records in a result set?

1) SELECT COUNT(\*) FROM table\_name;

2) SELECT TOTAL(\*) FROM table\_name;

3) SELECT NUMBER(\*) FROM table\_name;

4) SELECT SUM(\*) FROM table\_name;

Answer : Option 1

Which SQL statement is used to change a table structure?

1) ALTER TABLE table\_name;

2) CHANGE TABLE table\_name;

3) UPDATE TABLE table\_name;

4) MODIFY TABLE table\_name;

Answer : Option 1

What does the SQL AS keyword do?

1) Renames a column or table

2) Creates an alias

3) Filters results

4) Sorts records

Answer : Option 1



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