

Week 10 – Database Backup and Recovery

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C:\WINDOWS\system32\cmd. X + v
Microsoft Windows [Version 10.0.22631.4317]
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C:\Users\geff1>cd C:\xampp\mysql\bin

C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 14
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> CREATE DATABASE school;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> USE school;
Database changed
MariaDB [school]> CREATE TABLE students (
->  student_id INT PRIMARY KEY AUTO_INCREMENT,
->  name VARCHAR(100),
->  course VARCHAR(100),
->  grade FLOAT
-> );
Query OK, 0 rows affected (0.004 sec)

MariaDB [school]> INSERT INTO students (name, course, grade) VALUES
->  ('Alice Brown', 'Math', 85.5),
->  ('Bob Smith', 'Science', 90.0),
->  ('Cathy Green', 'English', 88.2);
Query OK, 3 rows affected (0.001 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [school]> SELECT * FROM students;
```

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student_id	name	course	grade
1	Alice Brown	Math	85.5
2	Bob Smith	Science	90
3	Cathy Green	English	88.2

3 rows in set (0.000 sec)

MariaDB [school]> exit

Bye

C:\xampp\mysql\bin>mysqldump -u root -p school > school_backup.sql

Enter password:

C:\xampp\mysql\bin>mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 16

Server version: 10.4.32-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]> USE school;

Database changed

MariaDB [school]> DROP TABLE students;

Query OK, 0 rows affected (0.004 sec)

MariaDB [school]> exit

Bye

C:\xampp\mysql\bin>mysql -u root -p school < school_backup.sql

Enter password:

C:\xampp\mysql\bin>mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 18

Server version: 10.4.32-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]> USE school;

Database changed

MariaDB [school]> SELECT * FROM students;

student_id	name	course	grade
1	Alice Brown	Math	85.5
2	Bob Smith	Science	90
3	Cathy Green	English	88.2

3 rows in set (0.001 sec)

MariaDB [school]> exit

Bye