Cyber Security and Digital Forensics

Practical 6: Creating Database, Dropping it and Restoring it

```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.39 MySQL Community Server - GPL

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owners.

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

mysql> create database adi;
Query OK, 1 row affected (0.01 sec)

mysql> use adi
Database changed
```

```
mysql> CREATE TABLE employees (
    ->     employee_id SERIAL PRIMARY KEY,
    ->     first_name VARCHAR(50) NOT NULL,
    ->     last_name VARCHAR(50) NOT NULL,
    ->     position VARCHAR(50),
    ->     hire_date DATE
    -> );
Query OK, 0 rows affected (0.07 sec)
```

```
mysql> insert into employees values(1, "Hunter", "Michalson", "CEO", '2024-09-14 08:30:00');
Query OK, 1 row affected, 1 warning (0.01 sec)

mysql> insert into employees values(2, "Mittu", "Choki", "Helper", '2024-09-14 08:30:00');
Query OK, 1 row affected, 1 warning (0.01 sec)

mysql> insert into employees values(3, "Nihuu", "Choki", "celper", '2024-09-14 08:30:00');
Query OK, 1 row affected, 1 warning (0.01 sec)
```

```
mysql> select * from employees;
+-------------+------------+-----------+----------+------------+
| employee_id | first_name | last_name | position | hire_date  |
+-------------+------------+-----------+----------+------------+
|           1 | Hunter     | Michalson | CEO      | 2024-09-14 |
|           2 | Mittu      | Choki     | Helper   | 2024-09-14 |
|           3 | Nihuu      | Choki     | celper   | 2024-09-14 |
+-------------+------------+-----------+----------+------------+
3 rows in set (0.00 sec)

mysql> drop table employees
    -> ;
Query OK, 0 rows affected (0.03 sec)
```

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.22621.1848]
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C:\Windows\System32>cd C:\Program Files\MySQL\MySQL Server 8.0\bin

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysqldump -u root -p adi > backup_file.sql
Enter password: ****

C:\Program Files\MySQL\MySQL Server 8.0\bin>mysql -u root -p adi < backup_file.sql
Enter password: ****

C:\Program Files\MySQL\MySQL Server 8.0\bin>
```



```
mysql> show tables;
+---------------+
| Tables_in_adi |
+---------------+
| employees     |
+---------------+
1 row in set (0.00 sec)
```