

Rendszerüzemeltetés 2

Jegyzőkönyv

MySQL adatbázis létrehozás

Korita Zsófia
W63HPU

mysql elindítása root felhasználóval

```
korita@korita-VirtualBox:~$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.28-0ubuntu0.20.04.3 (Ubuntu)

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owners.

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

mysql> █
```

user létrehozás

```
mysql> CREATE USER 'user'@'localhost' IDENTIFIED BY 'passw';
Query OK, 0 rows affected (0,05 sec)

mysql> GRANT ALL ON *.* TO 'user'@'localhost';
Query OK, 0 rows affected (0,01 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0,01 sec)

mysql> █
```

Adatbázis létrehozása

```
mysql> CREATE DATABASE data;
Query OK, 1 row affected (0,02 sec)
```

Tábla létrehozása

```
mysql> use data
Database changed
mysql> CREATE TABLE my_data( Name varchar(50), Age int, Neptun varchar(6) );
Query OK, 0 rows affected (0,03 sec)
```

Adatok feltöltése

```
mysql> insert into my_data values('Korita Zsafia', 25, 'W63HPU');
Query OK, 1 row affected (0,05 sec)

mysql> select * from data;
ERROR 1146 (42S02): Table 'data.data' doesn't exist
mysql> select * from my_data;
+-----+-----+-----+
| Name          | Age  | Neptun |
+-----+-----+-----+
| Korita Zsafia | 25   | W63HPU |
+-----+-----+-----+
1 row in set (0,00 sec)
```

Csatlakozás a szerverhez

```
<?php
$servername = "localhost";
$username = "user";
$password = "passw";
$dbname = "data";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
```

Adatok lekérdezése:

```
$sql = "SELECT Name, Age, Neptun FROM my_data";
$result = $conn->query($sql);
```

Adatok kiírása:

```
if ($result->num_rows > 0) {
    // output data of each row
    while($row = $result->fetch_assoc()) {
        echo "Name: " . $row["Name"]. " Age: " . $row["Age"]. " Neptun: " . $row["Neptun"]. "<br>";
    }
} else {
    echo "0 results";
}
```

Kapcsolat bontása:

```
$conn->close();
?>
```

localhost: index.php



Name: Korita Zsafia Age: 25 Neptun: W63HPU