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- I am using MariaDB, which is a fork of mysql, along with Python3 for doing this database connection.
- I import *mysql.connector* as the alias of 'mariadb' for this purpose.
- I create 2 connections to the database using *mariadb.connect* with the parameters “ *host='localhost', user='public', password='test3R', database='seleri' ”*.
- I create 2 connections so that I can have 2 concurrently working cursors for working with the database. I create the cursors using an instance of the *mariadb.connect()*, mariadb_connection, using *mariadb_connection.cursor()*.
- I execute SQL statements in the database using *cursor.execute()* method. For e.g., *cursor.execute("show tables")* .
- To dynamically fetch all tables, I have to use both cursors concurrently, which is why i created 2 cursors from 2 different connections to the same database. Mariadb's thread safe DB connections help in this.
  - The code for this part:

```
print("The tables in this database are :")
        for (table_name,) in cursor:
                print("-> {}".format(table_name))
                backup_cursor.execute("select * from %s" % table_name)
                table_contents = backup_cursor.fetchall()
                pprint(table_contents)
```

- I then execute the 4 SQL queries from Assignment 1 and display a formatted result through Python 3.
- I also use Error Handling in Python to handle any Database connection related errors.
- I used commit method [*mariadb_connection.commit()*] to commit changes to the database.
- I used close method [*mariadb_connection.close()*] to close connection to the database.