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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.