**Assignment**

**CSA0805 – Python Programming**

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| **Register Number** | **192324237** |
| **Name** | **Manjunadha** |

**Title: Database Exporter**

**Problem Statement:** **Develop a Python program that connects to a database using the sqlite3 module, executes SQL queries to retrieve data, and exports the results to a CSV file for further analysis or reporting.**

**Code:**

**import sqlite3**

**import csv**

**conn = sqlite3.connect('your\_database.db')**

**cursor = conn.cursor()**

**query = "SELECT \* FROM your\_table"**

**cursor.execute(query)**

**rows = cursor.fetchall()**

**with open('output.csv', 'w', newline='') as csvfile:**

**writer = csv.writer(csvfile)**

**header = [description[0] for description in cursor.description]**

**writer.writerow(header)**

**writer.writerows(rows)**

**conn.close()**

**Output Screen Shots:**

**Conclusion:**

**This Python program provides a simple and efficient way to interact with a SQLite database, allowing you to execute queries and export the results for further analysis. It serves as a valuable tool for data extraction and reporting, making it easier to manage and analyze data stored in SQLite databases.**

**You can customize the database name, SQL query, and output file name to fit your specific needs. This program can be easily adapted to different databases and queries, making it a flexible solution for various data management tasks.**