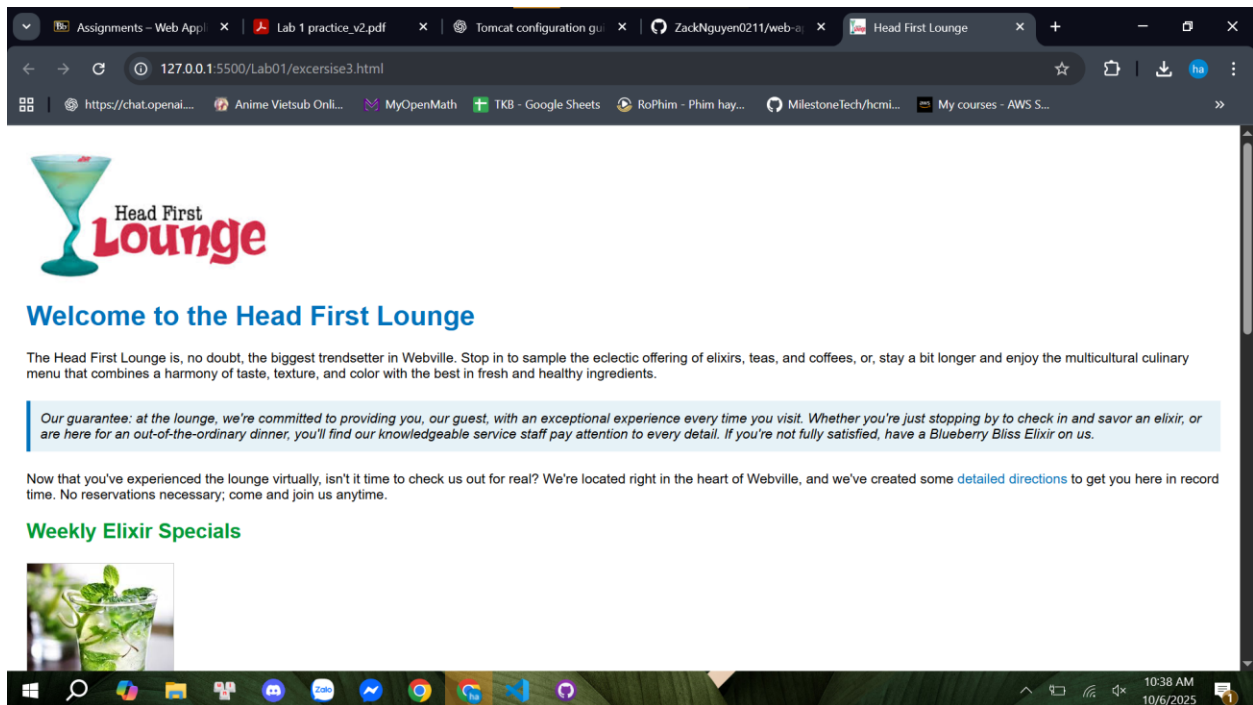
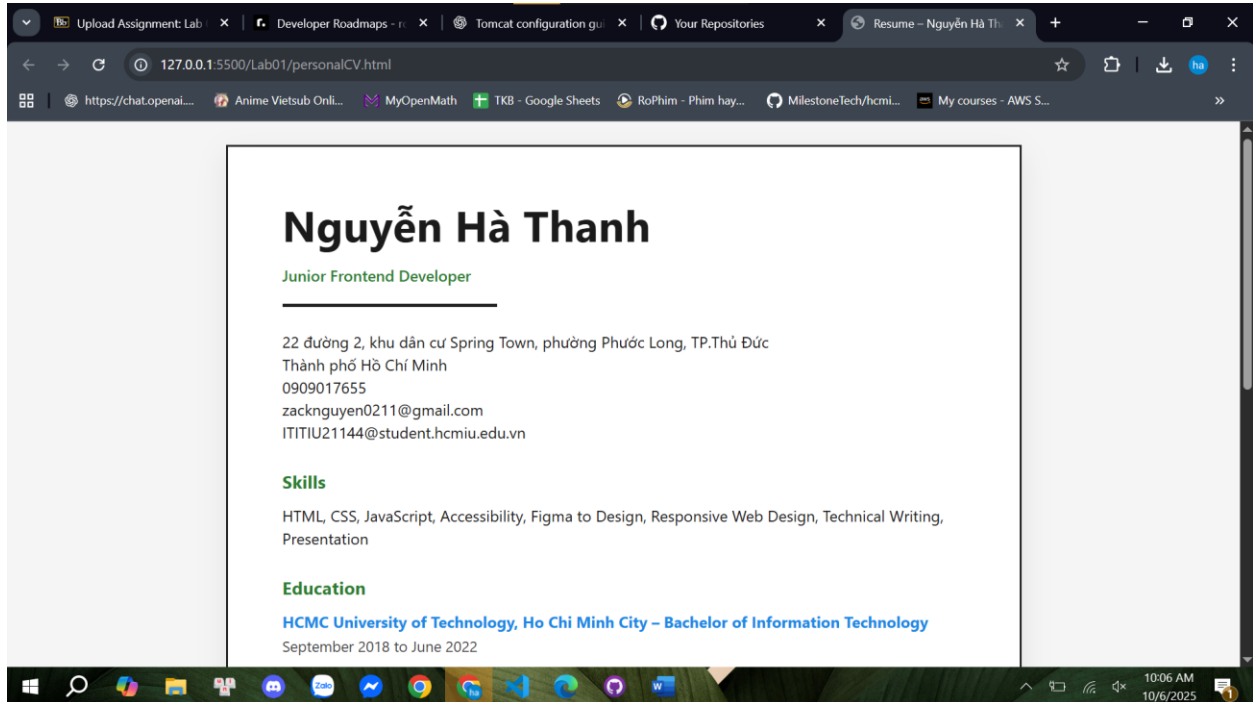


NGUYỄN HÀ THANH – ITTIU21144 – LAB01

<https://github.com/ZackNguyen0211/web-app-dev-lab.git>




Assignments - Web Appl | x | Lab 1 practice_v2.pdf | x | Tomcat configuration gu | x | ZackNguyen0211/web-0 | x | Head First Lounge | x | + - □ ×

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📦 | https://chat.openai... | Anime Vietsub Onli... | MyOpenMath | TKB - Google Sheets | RoPhim - Phim hay... | MilestoneTech/hcml... | My courses - AWS S... | >>


Lemon Breeze

The ultimate healthy drink, this elixir combines herbal botanicals, minerals, and vitamins with a twist of lemon into a smooth citrus wonder that will keep your immune system going all day and all night.



Chai Chiller

Not your traditional chai, this elixir mixes maté with chai spices and adds an extra chocolate kick for a caffeinated taste sensation on ice.




Black Brain Brew

Windows taskbar: 10:38 AM 10/6/2025

Assignments - Web Appl | x | Lab 1 practice_v2.pdf | x | Tomcat configuration gu | x | ZackNguyen0211/web-0 | x | Head First Lounge | x | + - □ ×

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Black Brain Brew

Want to boost your memory? Try our Black Brain Brew elixir, made with black oolong tea and just a touch of espresso. Your brain will thank you for the boost.

Join us any evening for these and all our other wonderful [elixirs](#).

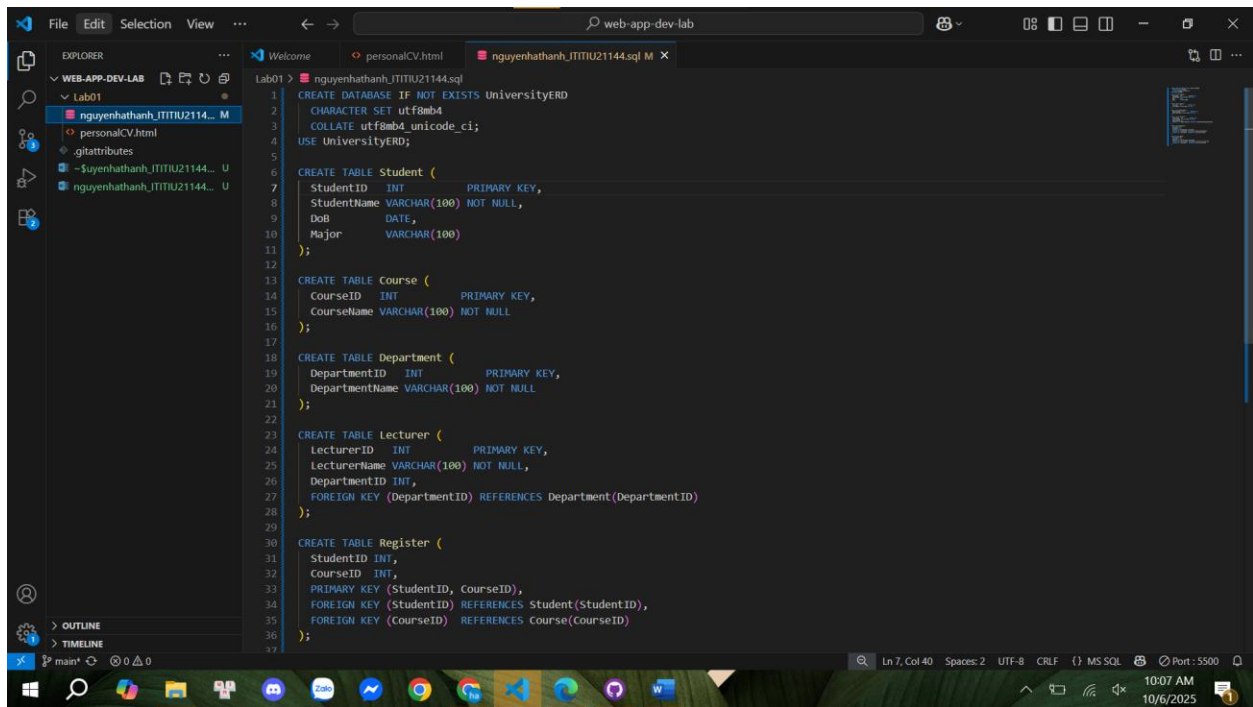
What's playing at the Lounge

We're frequently asked about the music we play at the lounge, and no wonder, it's great stuff. Just for you, we keep a list here on the site, updated weekly. Enjoy.

- Buddha Bar, Claude Challe
- When it Falls, Zero 7
- Earth 7, T.J. Bukem
- Le Roi Est Mort, Vive Le Roi!, Enigma
- Music for Airports, Brian Eno

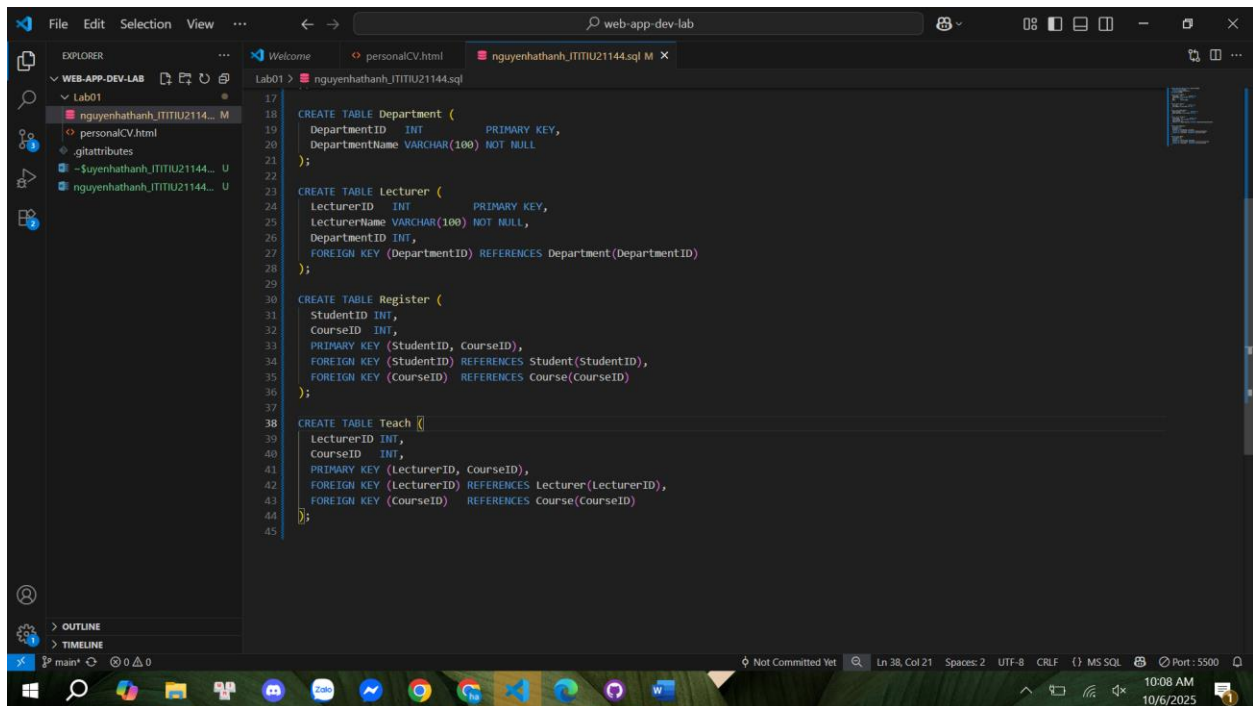
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Windows taskbar: 10:38 AM 10/6/2025



This screenshot shows the Visual Studio Code editor with a SQL file named 'nguyenhathanh_JTITI21144.sql'. The code defines a database 'UniversityERD' and creates several tables: 'Student', 'Course', 'Department', 'Lecturer', and 'Register'. The 'Student' table has columns for 'StudentID' (primary key), 'StudentName', 'DoB', and 'Major'. The 'Course' table has 'CourseID' (primary key) and 'CourseName'. The 'Department' table has 'DepartmentID' (primary key) and 'DepartmentName'. The 'Lecturer' table has 'LecturerID' (primary key), 'LecturerName', and 'DepartmentID' (foreign key to 'Department'). The 'Register' table has 'StudentID' and 'CourseID' as a composite primary key, with foreign keys to 'Student' and 'Course'. The status bar at the bottom indicates the cursor is at line 7, column 40.

```
1 CREATE DATABASE IF NOT EXISTS UniversityERD
2 CHARACTER SET utf8mb4
3 COLLATE utf8mb4_unicode_ci;
4 USE UniversityERD;
5
6 CREATE TABLE Student (
7   StudentID INT PRIMARY KEY,
8   StudentName VARCHAR(100) NOT NULL,
9   DoB DATE,
10  Major VARCHAR(100)
11 );
12
13 CREATE TABLE Course (
14   CourseID INT PRIMARY KEY,
15   CourseName VARCHAR(100) NOT NULL
16 );
17
18 CREATE TABLE Department (
19   DepartmentID INT PRIMARY KEY,
20   DepartmentName VARCHAR(100) NOT NULL
21 );
22
23 CREATE TABLE Lecturer (
24   LecturerID INT PRIMARY KEY,
25   LecturerName VARCHAR(100) NOT NULL,
26   DepartmentID INT,
27   FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID)
28 );
29
30 CREATE TABLE Register (
31   StudentID INT,
32   CourseID INT,
33   PRIMARY KEY (StudentID, CourseID),
34   FOREIGN KEY (StudentID) REFERENCES Student(StudentID),
35   FOREIGN KEY (CourseID) REFERENCES Course(CourseID)
36 );
37
```



This screenshot shows the same VS Code editor with the SQL file. The code now includes an additional table, 'Teach', which has 'LecturerID' and 'CourseID' as a composite primary key, with foreign keys to 'Lecturer' and 'Course'. The status bar at the bottom indicates the cursor is at line 38, column 21, and the file has 'Not Committed Yet'.

```
17
18 CREATE TABLE Department (
19   DepartmentID INT PRIMARY KEY,
20   DepartmentName VARCHAR(100) NOT NULL
21 );
22
23 CREATE TABLE Lecturer (
24   LecturerID INT PRIMARY KEY,
25   LecturerName VARCHAR(100) NOT NULL,
26   DepartmentID INT,
27   FOREIGN KEY (DepartmentID) REFERENCES Department(DepartmentID)
28 );
29
30 CREATE TABLE Register (
31   StudentID INT,
32   CourseID INT,
33   PRIMARY KEY (StudentID, CourseID),
34   FOREIGN KEY (StudentID) REFERENCES Student(StudentID),
35   FOREIGN KEY (CourseID) REFERENCES Course(CourseID)
36 );
37
38 CREATE TABLE Teach (
39   LecturerID INT,
40   CourseID INT,
41   PRIMARY KEY (LecturerID, CourseID),
42   FOREIGN KEY (LecturerID) REFERENCES Lecturer(LecturerID),
43   FOREIGN KEY (CourseID) REFERENCES Course(CourseID)
44 );
45
```