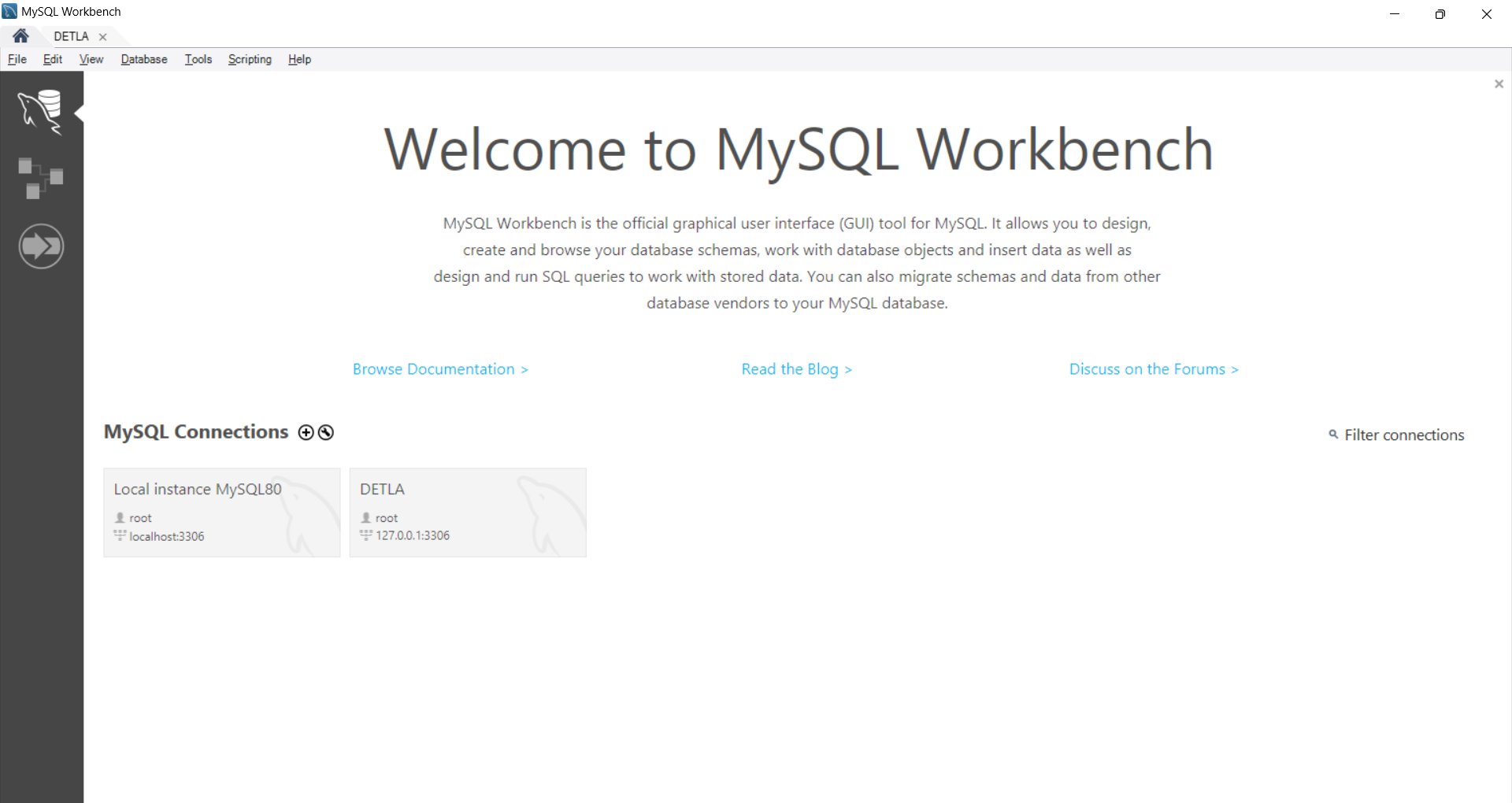
MYSQL Database Assignments

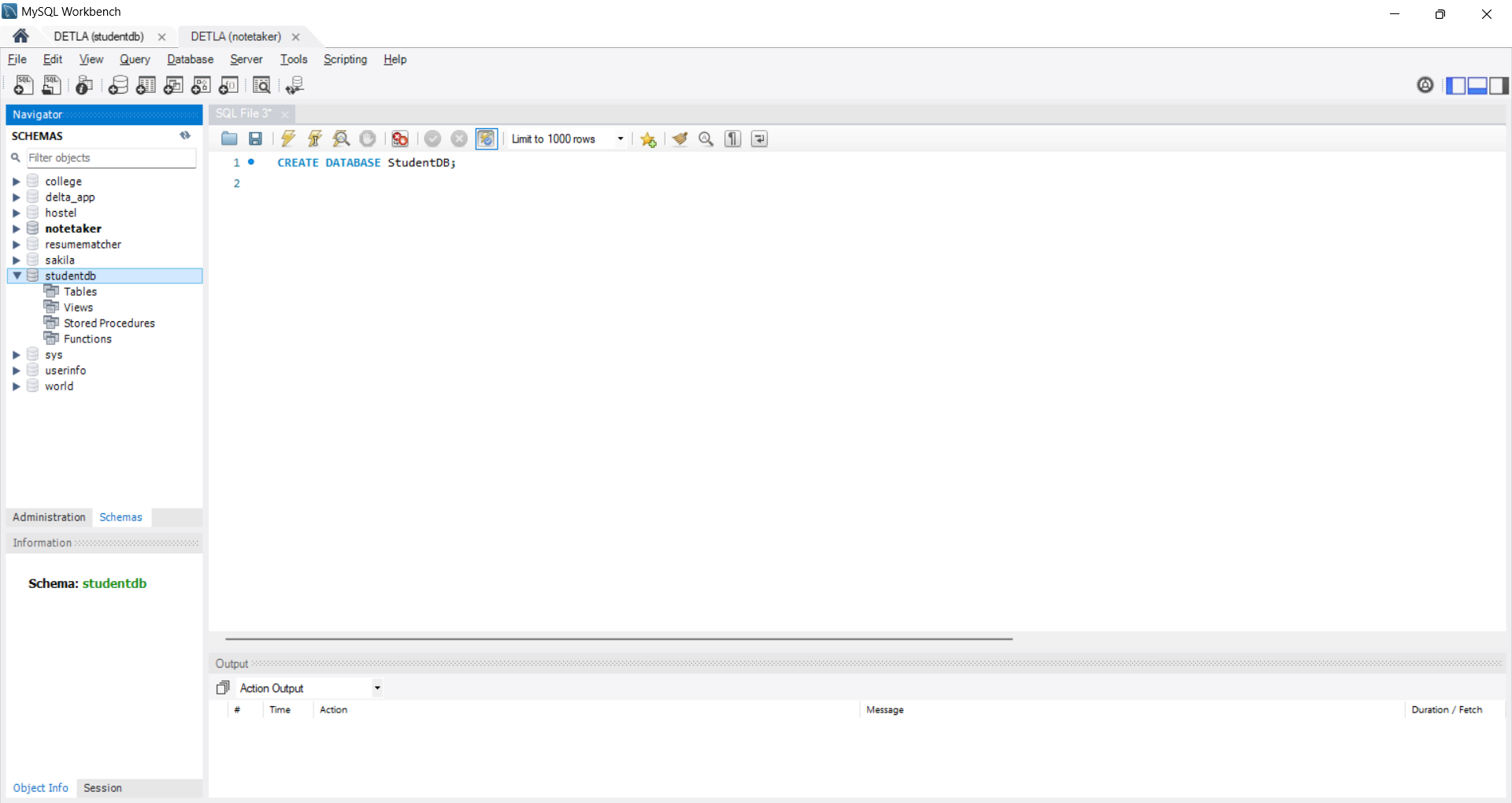
Week 1 Assignments

**Assignment 1: Workbench Basics**

1. Install MySQL Workbench and connect to your MySQL server.



1. Create a new schema StudentDB.
2. Take a screenshot of the Workbench schema navigator with StudentDB visible.



**Assignment 2: Table Operations**

1. Create tables:
   1. Students (student\_id, name, age, gender, course\_id)
   2. Courses (course\_id, course\_name, duration)
   3. Marks (mark\_id, student\_id, subject, score)

CREATE DATABASE StudentDB;

USE StudentDB;

CREATE TABLE Students(

student\_id int,

name varchar(10),

age int,

gender varchar(10),

course\_id int

);

CREATE TABLE Courses(

course\_id int,

course\_name varchar(12),

duration time

);

CREATE TABLE Marks(

mark\_id int,

student\_id int,

subject varchar(10),

score int

);

1. Modify Students table to add a new column email.

ALTER TABLE Students

ADD Email varchar(30);

1. Drop the Marks table and recreate it with the same structure.

DROP TABLE IF EXists Marks;

CREATE TABLE Marks(

mark\_id int,

student\_id int,

subject varchar(10),

score int

);

**Assignment 3: DML Operations**

1. Insert at least 5 rows into each table.

INSERT INTO Students

VALUES

(101,'Aa',21,'FEMALE',01),

(102,'Bb',22,'MALE',01),

(103,'Cc',20,'FEMALE',02),

(104,'Dd',21,'MALE',07),

(105,'Ee',24,'FEMALE',03);

INSERT INTO Courses

VALUES

(01,'java','04:00:00'),

(02,'python','03:00:00'),

(03,'C','03:00:00'),

(04,'html','03:00:00'),

(07,'css','03:00:00');

INSERT INTO Marks

VALUES

(1,101,'English',100),

(2,102,'English',95),

(3,103,'English',80),

(4,104,'English',75),

(5,105,'English',82);

1. Update one student’s course.

SET SQL\_SAFE\_UPDATES = 0;

UPDATE Students

SET course\_id='04'

WHERE

Student\_id='102';

1. Delete a student record.

DELETE FROM Students

WHERE

Student\_id='104';