# SQL Scripts for Online Learning School Application

## 1. Insert a New Course

This query adds a new course to the Courses table, assuming the Teacher and Category already exist.

INSERT INTO Courses (Title, Description, Level, Language, TeacherID, CategoryID)  
VALUES ('Introduction to Python', 'Learn the basics of Python programming.', 'Beginner', 'English', 2, 1);

## 2. Add New Module to a Course

This query inserts a new module linked to a specific course.

INSERT INTO Modules (CourseID, Title, Description)  
VALUES (1, 'Getting Started with Python', 'Covers syntax, variables, and basic I/O');

## 3. Add a Lesson to a Module

This script adds a new lesson associated with a specific module.

INSERT INTO Lessons (ModuleID, Title, ContentURL)  
VALUES (1, 'Python Variables and Data Types', 'https://example.com/lessons/python-variables');

## 4. Create an Assignment for a Lesson

This inserts an assignment tied to a specific lesson.

INSERT INTO Assignments (LessonID, Title, Description, DueDate)  
VALUES (1, 'Variables Practice', 'Write a Python script to practice variable declarations.', '2025-05-01 23:59:00');

## 5. Enroll a Student in a Course

This query enrolls a student into a course.

INSERT INTO Enrollments (StudentID, CourseID, EnrollmentDate, Status)  
VALUES (3, 1, CURDATE(), 'Active');

## 6. Submit Assignment by Student

This query records a submission of an assignment by a student.

INSERT INTO Submissions (AssignmentID, StudentID, FileURL, SubmittedAt, Grade)  
VALUES (1, 3, 'https://example.com/submissions/student3-assignment1.zip', NOW(), NULL);

## 7. Add Payment Record

This adds a payment record for a course.

INSERT INTO Payments (StudentID, CourseID, Amount, PaidAt, Status)  
VALUES (3, 1, 49.99, NOW(), 'Paid');

## 8. Add Feedback for a Course

This query allows a student to leave feedback on a course.

INSERT INTO Feedback (StudentID, CourseID, Rating, Comment, CreatedAt)  
VALUES (3, 1, 5, 'Great course, very informative!', NOW());