

### **-- Create Departments Table**

```
CREATE TABLE Departments (  
  
department_id INT PRIMARY KEY,  
  
department_name VARCHAR(100) NOT NULL,  
  
email VARCHAR(100) UNIQUE,  
  
phone_number VARCHAR(15)  
  
);
```

### **-- Create Degree\_Programs Table**

```
CREATE TABLE Degree_Programs (  
  
program_id INT PRIMARY KEY,  
  
program_name VARCHAR(100) NOT NULL,  
  
degree_type VARCHAR(50) NOT NULL,  
  
duration_years INT NOT NULL,  
  
email VARCHAR(100) UNIQUE,  
  
phone_number VARCHAR(15),  
  
department_id INT NOT NULL,  
  
FOREIGN KEY (department_id) REFERENCES Departments(department_id)  
  
ON UPDATE CASCADE ON DELETE CASCADE  
  
);
```

### **-- Create Faculty Table**

```
CREATE TABLE Faculty (  
  
faculty_id INT PRIMARY KEY,  
  
full_name VARCHAR(100) NOT NULL,
```

```
designation VARCHAR(50) NOT NULL,  
  
email VARCHAR(100) UNIQUE,  
  
phone_number VARCHAR(15),  
  
department_id INT NOT NULL,  
  
FOREIGN KEY (department_id) REFERENCES Departments(department_id)  
  
ON UPDATE CASCADE ON DELETE CASCADE  
  
);
```

#### **-- Create Courses Table**

```
CREATE TABLE Courses (  
  
course_id INT PRIMARY KEY,  
  
course_code VARCHAR(10) NOT NULL,  
  
course_title VARCHAR(100) NOT NULL,  
  
credit INT NOT NULL,  
  
department_id INT NOT NULL,  
  
instructor_id INT NOT NULL,  
  
FOREIGN KEY (department_id) REFERENCES Departments(department_id)  
  
ON UPDATE CASCADE ON DELETE CASCADE,  
  
FOREIGN KEY (instructor_id) REFERENCES Faculty(faculty_id)  
  
ON UPDATE CASCADE ON DELETE CASCADE  
  
);
```

#### **-- Create Students Table**

```
CREATE TABLE Students (  
  
student_id INT PRIMARY KEY,
```

```
full_name VARCHAR(100) NOT NULL,  
  
dob DATE NOT NULL,  
  
gender VARCHAR(10),  
  
email VARCHAR(100) UNIQUE,  
  
phone_number VARCHAR(15),  
  
address VARCHAR(255),  
  
admission_year INT NOT NULL,  
  
status VARCHAR(20) NOT NULL,  
  
program_id INT NOT NULL,  
  
FOREIGN KEY (program_id) REFERENCES Degree_Programs(program_id)  
  
ON UPDATE CASCADE ON DELETE CASCADE  
  
);
```

#### **--create table Enrollment**

```
CREATE TABLE Enrollment (  
  
enrollment_id INT NOT NULL PRIMARY KEY,  
  
student_id INT NOT NULL,  
  
course_id INT NOT NULL,  
  
semester int NOT NULL,  
  
year INT NOT NULL,  
  
status VARCHAR(20) CHECK (status IN ('enrolled', 'completed', 'dropped')),  
  
FOREIGN KEY (student_id) REFERENCES Students(student_id) on delete cascade on update  
cascade,  
  
FOREIGN KEY (course_id) REFERENCES Courses(course_id) on delete cascade on update  
cascade  
  
);
```

#### **--Create table Attendance**

```
CREATE TABLE Attendance (  
  
attendance_id INT NOT NULL PRIMARY KEY,  
  
student_id INT NOT NULL,  
  
course_id INT NOT NULL,  
  
date DATE NOT NULL,  
  
status VARCHAR(10) NOT NULL CHECK (status IN ('Present', 'Absent')),  
  
FOREIGN KEY (student_id) REFERENCES Students(student_id) on delete cascade on update  
cascade,  
  
FOREIGN KEY (course_id) REFERENCES Courses(course_id) on delete cascade on update  
cascade  
  
);
```

#### **--Create table grades**

```
CREATE TABLE Grades (  
  
grade_id INT NOT NULL PRIMARY KEY,  
  
student_id INT NOT NULL,  
  
course_id INT NOT NULL,  
  
score DECIMAL(5,2) NOT NULL CHECK (score BETWEEN 0 AND 100),  
  
FOREIGN KEY (student_id) REFERENCES Students(student_id) on delete cascade on update  
cascade,  
  
FOREIGN KEY (course_id) REFERENCES Courses(course_id) on delete cascade on update  
cascade  
  
);
```

#### **--Create table Course\_Schedule**

```
CREATE TABLE Course_Schedule (  
  
Schedule_id INT NOT NULL PRIMARY KEY,
```

```

Course_id INT NOT NULL,

DayOfWeek VARCHAR(9) NOT NULL CHECK (DayOfWeek IN ('Monday', 'Tuesday',
'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday')),

StartTime TIME NOT NULL,

EndTime TIME NOT NULL,

FOREIGN KEY (Course_id) REFERENCES Courses(Course_id) on delete cascade on update
cascade

);

```

#### **--Create table assessments**

```

CREATE TABLE Assessments (

Assessment_id INT NOT NULL PRIMARY KEY,

Course_id INT NOT NULL,

AssessmentType VARCHAR(20) NOT NULL CHECK (AssessmentType IN ('Exam', 'Quiz',
'Assignment', 'Project')),

TotalMarks DECIMAL(10,2) NOT NULL CHECK (TotalMarks > 0),

FOREIGN KEY (Course_id) REFERENCES Courses(Course_id) on delete cascade on update
cascade);

```

#### **-- Insert data into Departments**

```

INSERT INTO Departments VALUES

(1, 'Computer Science', 'cs@college.edu', '9876500001'),

(2, 'Mathematics', 'math@college.edu', '9876500002'),

(3, 'Physics', 'physics@college.edu', '9876500003'),

(4, 'Chemistry', 'chem@college.edu', '9876500004'),

(5, 'Biology', 'bio@college.edu', '9876500005'),

(6, 'English', 'eng@college.edu', '9876500006'),

(7, 'History', 'history@college.edu', '9876500007'),

```

(8, 'Philosophy', 'philo@college.edu', '9876500008'),  
(9, 'Economics', 'eco@college.edu', '9876500009'),  
(10, 'Political Science', 'polisci@college.edu', '9876500010'),  
(11, 'Psychology', 'psych@college.edu', '9876500011'),  
(12, 'Sociology', 'soc@college.edu', '9876500012'),  
(13, 'Geography', 'geo@college.edu', '9876500013'),  
(14, 'Art', 'art@college.edu', '9876500014'),  
(15, 'Music', 'music@college.edu', '9876500015'),  
(16, 'Drama', 'drama@college.edu', '9876500016'),  
(17, 'Environmental Science', 'envsci@college.edu', '9876500017'),  
(18, 'Linguistics', 'ling@college.edu', '9876500018'),  
(19, 'Anthropology', 'anthro@college.edu', '9876500019'),  
(20, 'Business', 'biz@college.edu', '9876500020'),  
(21, 'Finance', 'finance@college.edu', '9876500021'),  
(22, 'Accounting', 'acct@college.edu', '9876500022'),  
(23, 'Marketing', 'mktg@college.edu', '9876500023'),  
(24, 'Law', 'law@college.edu', '9876500024'),  
(25, 'Education', 'edu@college.edu', '9876500025'),  
(26, 'Medicine', 'med@college.edu', '9876500026'),  
(27, 'Nursing', 'nursing@college.edu', '9876500027'),  
(28, 'Dentistry', 'dental@college.edu', '9876500028'),  
(29, 'Engineering', 'engg@college.edu', '9876500029'),  
(30, 'Astronomy', 'astro@college.edu', '9876500030');

**-- Insert data into Degree\_Programs**

INSERT INTO Degree\_Programs VALUES

(101, 'BSc Computer Science', 'Bachelors', 4, 'bsc\_cs@college.edu', '1234567890', 1),  
(102, 'BSc Mathematics', 'Bachelors', 3, 'bsc\_math@college.edu', '1234567891', 2),  
(103, 'MSc Physics', 'Masters', 2, 'msc\_phy@college.edu', '1234567892', 3),  
(104, 'BSc Chemistry', 'Bachelors', 3, 'bsc\_chem@college.edu', '1234567893', 4),  
(105, 'MSc Computer Science', 'Masters', 2, 'msc\_cs@college.edu', '1234567894', 1),  
(106, 'BSc Statistics', 'Bachelors', 3, 'bsc\_stats@college.edu', '1234567895', 2),  
(107, 'BA History', 'Bachelors', 3, 'history@college.edu', '1234567896', 7),  
(108, 'BA Philosophy', 'Bachelors', 3, 'philo@college.edu', '1234567897', 8),  
(109, 'BA Economics', 'Bachelors', 3, 'eco@college.edu', '1234567898', 9),  
(110, 'BA Political Science', 'Bachelors', 3, 'polisci@college.edu', '1234567899', 10),  
(111, 'BA Psychology', 'Bachelors', 3, 'psych@college.edu', '1234567800', 11),  
(112, 'BA Sociology', 'Bachelors', 3, 'soc@college.edu', '1234567801', 12),  
(113, 'BA Geography', 'Bachelors', 3, 'geo@college.edu', '1234567802', 13),  
(114, 'BFA Art', 'Bachelors', 4, 'art@college.edu', '1234567803', 14),  
(115, 'BA Music', 'Bachelors', 3, 'music@college.edu', '1234567804', 15),  
(116, 'BA Drama', 'Bachelors', 3, 'drama@college.edu', '1234567805', 16),  
(117, 'BSc Environmental Science', 'Bachelors', 4, 'envsci@college.edu', '1234567806', 17),  
(118, 'BA Linguistics', 'Bachelors', 3, 'ling@college.edu', '1234567807', 18),  
(119, 'BA Anthropology', 'Bachelors', 3, 'anthro@college.edu', '1234567808', 19),  
(120, 'BBA Business', 'Bachelors', 3, 'biz@college.edu', '1234567809', 20),  
(121, 'BBA Finance', 'Bachelors', 3, 'finance@college.edu', '1234567810', 21),  
(122, 'BBA Accounting', 'Bachelors', 3, 'acct@college.edu', '1234567811', 22),  
(123, 'BBA Marketing', 'Bachelors', 3, 'mktg@college.edu', '1234567812', 23),

(124, 'LLB Law', 'Bachelors', 5, 'law@college.edu', '1234567813', 24),  
 (125, 'BEd Education', 'Bachelors', 4, 'edu@college.edu', '1234567814', 25),  
 (126, 'MBBS Medicine', 'Bachelors', 5, 'med@college.edu', '1234567815', 26),  
 (127, 'BSc Nursing', 'Bachelors', 4, 'nursing@college.edu', '1234567816', 27),  
 (128, 'BDS Dentistry', 'Bachelors', 5, 'dental@college.edu', '1234567817', 28),  
 (129, 'BE Engineering', 'Bachelors', 4, 'engg@college.edu', '1234567818', 29),  
 (130, 'BSc Astronomy', 'Bachelors', 3, 'astro@college.edu', '1234567819', 30);

#### **-- Insert data into Faculty**

INSERT INTO Faculty VALUES

(201, 'Dr. Susan Lee', 'Professor', 'slee@college.edu', '9810000001', 1),  
 (202, 'Mr. John White', 'Lecturer', 'jwhite@college.edu', '9810000002', 2),  
 (203, 'Dr. Mira Patel', 'Asst. Professor', 'mpatel@college.edu', '9810000003', 3),  
 (204, 'Dr. Omar Rahman', 'Professor', 'orahman@college.edu', '9810000004', 4),  
 (205, 'Ms. Tina Brown', 'Lecturer', 'tbrown@college.edu', '9810000005', 2),  
 (206, 'Dr. Ali Khan', 'Asst. Professor', 'akhan@college.edu', '9810000006', 1),  
 (207, 'Dr. Priya Menon', 'Professor', 'pmenon@college.edu', '9810000007', 5),  
 (208, 'Mr. George Clark', 'Lecturer', 'gclark@college.edu', '9810000008', 6),  
 (209, 'Dr. Henry Liu', 'Professor', 'hliu@college.edu', '9810000009', 7),  
 (210, 'Dr. Nina Gomez', 'Asst. Professor', 'ngomez@college.edu', '9810000010', 8),  
 (211, 'Mr. Omar Singh', 'Lecturer', 'osingh@college.edu', '9810000011', 9),  
 (212, 'Dr. Emily Tran', 'Professor', 'etran@college.edu', '9810000012', 10),



(213, 'Ms. Laura Grey', 'Lecturer', 'lgrey@college.edu', '9810000013', 11),  
 (214, 'Dr. Kevin Park', 'Asst. Professor', 'kpark@college.edu', '9810000014', 12),  
 (215, 'Mr. Steve Burns', 'Lecturer', 'sburns@college.edu', '9810000015', 13),  
 (216, 'Dr. Farah Khan', 'Professor', 'fkhan@college.edu', '9810000016', 14),  
 (217, 'Mr. Rahul Mehta', 'Lecturer', 'rmehta@college.edu', '9810000017', 15),  
 (218, 'Dr. Karen Watts', 'Professor', 'kwatts@college.edu', '9810000018', 16),  
 (219, 'Dr. Isaac Newton', 'Asst. Professor', 'inewton@college.edu', '9810000019', 17),  
 (220, 'Ms. Helen Cho', 'Lecturer', 'hcho@college.edu', '9810000020', 18),  
 (221, 'Dr. Rachel Green', 'Professor', 'rgreen@college.edu', '9810000021', 19),  
 (222, 'Mr. Mike Ross', 'Lecturer', 'mross@college.edu', '9810000022', 20),  
 (223, 'Dr. Jane Foster', 'Asst. Professor', 'jfooster@college.edu', '9810000023', 21),  
 (224, 'Ms. Diana Prince', 'Lecturer', 'dprince@college.edu', '9810000024', 22),  
 (225, 'Dr. Bruce Wayne', 'Professor', 'bwayne@college.edu', '9810000025', 23),  
 (226, 'Mr. Peter Parker', 'Lecturer', 'pparker@college.edu', '9810000026', 24),  
 (227, 'Dr. Natasha Romanoff', 'Asst. Professor', 'nromanoff@college.edu', '9810000027', 25),  
 (228, 'Mr. Steve Rogers', 'Lecturer', 'srogers@college.edu', '9810000028', 26),  
 (229, 'Dr. Tony Stark', 'Professor', 'tstark@college.edu', '9810000029', 27),  
 (230, 'Ms. Wanda Maximoff', 'Lecturer', 'wmaximoff@college.edu', '9810000030', 28);

#### **-- Insert data into Courses**

INSERT INTO Courses VALUES

(301, 'CS101', 'Intro to Programming', 4, 1, 201),  
 (302, 'MATH201', 'Linear Algebra', 3, 2, 202),  
 (303, 'PHYS301', 'Quantum Mechanics', 4, 3, 203),

(304, 'CHEM101', 'Organic Chemistry', 3, 4, 204),  
(305, 'MATH202', 'Probability Theory', 3, 2, 205),  
(306, 'CS201', 'Data Structures', 4, 1, 206),  
(307, 'HIST101', 'World History', 3, 7, 209),  
(308, 'PHILO201', 'Ethics', 2, 8, 210),  
(309, 'ECON101', 'Intro to Economics', 3, 9, 211),  
(310, 'POLI301', 'International Relations', 3, 10, 212),  
(311, 'PSY101', 'General Psychology', 3, 11, 213),  
(312, 'SOC202', 'Social Theory', 3, 12, 214),  
(313, 'GEO101', 'Human Geography', 2, 13, 215),  
(314, 'ART100', 'Introduction to Art', 3, 14, 216),  
(315, 'MUS101', 'Music Theory', 3, 15, 217),  
(316, 'DRM201', 'Stage Performance', 3, 16, 218),  
(317, 'ENV101', 'Environmental Issues', 4, 17, 219),  
(318, 'LING201', 'Phonetics', 3, 18, 220),  
(319, 'ANTH301', 'Cultural Anthropology', 3, 19, 221),  
(320, 'BUS101', 'Business Fundamentals', 3, 20, 222),  
(321, 'FIN101', 'Financial Accounting', 3, 21, 223),  
(322, 'ACC101', 'Cost Accounting', 3, 22, 224),  
(323, 'MKTG201', 'Digital Marketing', 3, 23, 225),  
(324, 'LAW101', 'Constitutional Law', 4, 24, 226),  
(325, 'EDU201', 'Educational Psychology', 3, 25, 227),  
(326, 'MED101', 'Human Anatomy', 4, 26, 228),  
(327, 'NUR101', 'Nursing Ethics', 3, 27, 229),  
(328, 'DEN101', 'Dental Biology', 4, 28, 230),

(329, 'ENGG101', 'Engineering Mechanics', 3, 29, 201),

(330, 'ASTRO101', 'Stars and Galaxies', 3, 30, 203);

#### -- Insert data into Students

INSERT INTO Students VALUES

(1, 'Alice Johnson', '2002-03-15', 'Female', 'alice@domain.com', '9876543210', '123 Street A', 2021, 'Active', 101),

(2, 'Bob Smith', '2001-08-22', 'Male', 'bob@domain.com', '9876543211', '456 Street B', 2020, 'Active', 102),

(3, 'Charlie Lee', '2003-01-30', 'Male', 'charlie@domain.com', '9876543212', '789 Street C', 2022, 'Active', 101),

(4, 'Daisy Ray', '2002-11-10', 'Female', 'daisy@domain.com', '9876543213', '321 Street D', 2021, 'Inactive', 103),

(5, 'Ethan Moore', '2000-05-27', 'Male', 'ethan@domain.com', '9876543214', '654 Street E', 2019, 'Active', 102),

(6, 'Fiona Zhang', '2001-07-08', 'Female', 'fiona@domain.com', '9876543215', '987 Street F', 2020, 'Inactive', 103),

(7, 'Grace Hall', '2002-02-14', 'Female', 'grace@domain.com', '9876543216', '101 Street G', 2021, 'Active', 104),

(8, 'Henry Ford', '2001-09-10', 'Male', 'henry@domain.com', '9876543217', '102 Street H', 2020, 'Inactive', 105),

(9, 'Isabel Wong', '2003-12-25', 'Female', 'isabel@domain.com', '9876543218', '103 Street I', 2022, 'Active', 106),

(10, 'Jack Reacher', '2000-07-04', 'Male', 'jack@domain.com', '9876543219', '104 Street J', 2019, 'Active', 101),

(11, 'Kelly Brooks', '2001-01-20', 'Female', 'kelly@domain.com', '9876543220', '105 Street K', 2020, 'Inactive', 102),

(12, 'Liam Scott', '2002-05-30', 'Male', 'liam@domain.com', '9876543221', '106 Street L', 2021, 'Active', 103),

(13, 'Maria Davis', '2003-03-10', 'Female', 'maria@domain.com', '9876543222', '107 Street M', 2022, 'Active', 104),

(14, 'Nathan Adams', '2000-11-01', 'Male', 'nathan@domain.com', '9876543223', '108 Street N', 2019, 'Active', 105),

(15, 'Olivia Knight', '2001-06-18', 'Female', 'olivia@domain.com', '9876543224', '109 Street O', 2020, 'Active', 106),

(16, 'Paul Simon', '2002-10-02', 'Male', 'paul@domain.com', '9876543225', '110 Street P', 2021, 'Inactive', 101),

(17, 'Queenie Wright', '2003-04-21', 'Female', 'queenie@domain.com', '9876543226', '111 Street Q', 2022, 'Active', 102),

(18, 'Ryan Taylor', '2000-12-11', 'Male', 'ryan@domain.com', '9876543227', '112 Street R', 2019, 'Inactive', 103),

(19, 'Sophia Grant', '2001-07-07', 'Female', 'sophia@domain.com', '9876543228', '113 Street S', 2020, 'Active', 104),

(20, 'Tom Bennett', '2002-09-19', 'Male', 'tom@domain.com', '9876543229', '114 Street T', 2021, 'Active', 105),

(21, 'Ursula Green', '2003-01-01', 'Female', 'ursula@domain.com', '9876543230', '115 Street U', 2022, 'Inactive', 106),

(22, 'Victor Young', '2000-08-29', 'Male', 'victor@domain.com', '9876543231', '116 Street V', 2019, 'Active', 101),

(23, 'Wendy Moore', '2001-03-13', 'Female', 'wendy@domain.com', '9876543232', '117 Street W', 2020, 'Active', 102),

(24, 'Xavier Lane', '2002-06-23', 'Male', 'xavier@domain.com', '9876543233', '118 Street X', 2021, 'Inactive', 103),

(25, 'Yara Patel', '2003-11-30', 'Female', 'yara@domain.com', '9876543234', '119 Street Y', 2022, 'Active', 104),

(26, 'Zane Cooper', '2000-10-10', 'Male', 'zane@domain.com', '9876543235', '120 Street Z',  
2019, 'Active', 105),  
  
(27, 'Ava Lee', '2001-04-18', 'Female', 'ava@domain.com', '9876543236', '121 Street AA',  
2020, 'Active', 106),  
  
(28, 'Ben Carter', '2002-08-27', 'Male', 'ben@domain.com', '9876543237', '122 Street BB',  
2021, 'Inactive', 101),  
  
(29, 'Carmen Reed', '2003-02-09', 'Female', 'carmen@domain.com', '9876543238', '123  
Street CC', 2022, 'Active', 102),  
  
(30, 'Derek Liu', '2000-06-06', 'Male', 'derek@domain.com', '9876543239', '124 Street DD',  
2019, 'Active', 103);

INSERT INTO Enrollment (Enrollment\_id, Student\_id, Course\_id, Semester, Year, Status)

VALUES

(1, 1, 301, 3, 2023, 'Enrolled'),  
  
(2, 2, 302, 1, 2023, 'Completed'),  
  
(3, 3, 301, 2, 2023, 'Dropped'),  
  
(4, 4, 303, 3, 2023, 'Enrolled'),  
  
(5, 5, 304, 1, 2024, 'Enrolled'),  
  
(6, 6, 305, 3, 2024, 'Completed'),  
  
(7, 7, 306, 1, 2023, 'Completed'),  
  
(8, 8, 301, 2, 2023, 'Dropped'),  
  
(9, 9, 302, 1, 2024, 'Enrolled'),  
  
(10, 10, 303, 3, 2023, 'Completed'),  
  
(11, 11, 304, 2, 2023, 'Enrolled'),  
  
(12, 12, 305, 1, 2023, 'Dropped'),

(13, 13, 306, 2, 2024, 'Completed'),  
(14, 14, 301, 3, 2023, 'Enrolled'),  
(15, 15, 302, 1, 2024, 'Dropped'),  
(16, 16, 303, 2, 2023, 'Completed'),  
(17, 17, 304, 1, 2023, 'Enrolled'),  
(18, 18, 305, 3, 2024, 'Completed'),  
(19, 19, 306, 2, 2023, 'Dropped'),  
(20, 20, 301, 1, 2023, 'Completed'),  
(21, 21, 302, 2, 2023, 'Enrolled'),  
(22, 22, 303, 3, 2024, 'Completed'),  
(23, 23, 304, 2, 2024, 'Enrolled'),  
(24, 24, 305, 1, 2023, 'Dropped'),  
(25, 25, 306, 3, 2024, 'Completed'),  
(26, 26, 301, 2, 2024, 'Enrolled'),  
(27, 27, 302, 3, 2023, 'Completed'),  
(28, 28, 303, 1, 2024, 'Dropped'),  
(29, 29, 304, 2, 2023, 'Enrolled'),  
(30, 30, 305, 3, 2023, 'Completed');

INSERT INTO Attendance (Attendance\_id, Student\_id, Course\_id, Date, Status)

VALUES

(1, 1, 301, '2023-09-10', 'Present'),  
(2, 2, 302, '2023-03-15', 'Absent'),  
(3, 3, 301, '2023-06-20', 'Present'),  
(4, 4, 303, '2023-09-12', 'Present'),

(5, 5, 304, '2024-01-05', 'Absent'),  
(6, 6, 305, '2024-09-08', 'Present'),  
(7, 7, 306, '2023-01-15', 'Present'),  
(8, 8, 301, '2023-02-17', 'Absent'),  
(9, 9, 302, '2024-01-20', 'Present'),  
(10, 10, 303, '2023-03-11', 'Present'),  
(11, 11, 304, '2023-04-12', 'Absent'),  
(12, 12, 305, '2023-05-10', 'Present'),  
(13, 13, 306, '2024-02-14', 'Absent'),  
(14, 14, 301, '2023-06-18', 'Present'),  
(15, 15, 302, '2024-03-21', 'Absent'),  
(16, 16, 303, '2023-07-22', 'Present'),  
(17, 17, 304, '2023-08-23', 'Absent'),  
(18, 18, 305, '2024-04-24', 'Present'),  
(19, 19, 306, '2023-09-25', 'Absent'),  
(20, 20, 301, '2023-10-26', 'Present'),  
(21, 21, 302, '2024-05-27', 'Present'),  
(22, 22, 303, '2023-11-28', 'Absent'),  
(23, 23, 304, '2023-12-29', 'Present'),  
(24, 24, 305, '2024-06-30', 'Absent'),  
(25, 25, 306, '2023-01-31', 'Present'),  
(26, 26, 301, '2024-07-01', 'Absent'),  
(27, 27, 302, '2023-02-02', 'Present'),  
(28, 28, 303, '2024-08-03', 'Absent'),  
(29, 29, 304, '2023-03-04', 'Present'),

(30, 30, 305, '2023-04-05', 'Present');

INSERT INTO Grades (Grade\_id, Student\_id, Course\_id, Score)

VALUES

(1, 1, 301, 92.5),

(2, 2, 302, 85.0),

(3, 3, 301, 45.5),

(4, 4, 303, 78.5),

(5, 5, 304, 95.0),

(6, 6, 305, 88.5),

(7, 7, 306, 91.0),

(8, 8, 301, 76.5),

(9, 9, 302, 88.0),

(10, 10, 303, 69.5),

(11, 11, 304, 72.0),

(12, 12, 305, 94.0),

(13, 13, 306, 85.5),

(14, 14, 301, 79.0),

(15, 15, 302, 66.0),

(16, 16, 303, 90.5),

(17, 17, 304, 81.0),

(18, 18, 305, 77.0),

(19, 19, 306, 68.5),

(20, 20, 301, 82.0),

(21, 21, 302, 93.5),



(22, 22, 303, 60.0),

(23, 23, 304, 86.0),

(24, 24, 305, 70.5),

(25, 25, 306, 92.0),

(26, 26, 301, 75.5),

(27, 27, 302, 88.0),

(28, 28, 303, 69.0),

(29, 29, 304, 95.0),

(30, 30, 305, 83.5);

INSERT INTO Course\_Schedule (Schedule\_id, Course\_id, DayOfWeek, StartTime, EndTime)

VALUES

(1, 301, 'Monday', '09:00:00', '11:00:00'),

(2, 302, 'Tuesday', '13:00:00', '15:00:00'),

(3, 303, 'Wednesday', '10:30:00', '12:30:00'),

(4, 304, 'Thursday', '14:00:00', '16:00:00'),

(5, 305, 'Friday', '08:00:00', '10:00:00'),

(6, 306, 'Saturday', '11:00:00', '13:00:00'),

(7, 301, 'Tuesday', '10:00:00', '12:00:00'),

(8, 302, 'Wednesday', '14:00:00', '16:00:00'),

(9, 303, 'Thursday', '09:00:00', '11:00:00'),

(10, 304, 'Friday', '13:00:00', '15:00:00'),

(11, 305, 'Monday', '08:00:00', '10:00:00'),

(12, 306, 'Tuesday', '11:00:00', '13:00:00'),

(13, 301, 'Wednesday', '15:00:00', '17:00:00'),

(14, 302, 'Thursday', '12:00:00', '14:00:00'),

```

(15, 303, 'Friday', '10:00:00', '12:00:00'),
(16, 304, 'Monday', '14:00:00', '16:00:00'),
(17, 305, 'Tuesday', '08:00:00', '10:00:00'),
(18, 306, 'Wednesday', '11:00:00', '13:00:00'),
(19, 301, 'Thursday', '13:00:00', '15:00:00'),
(20, 302, 'Friday', '09:00:00', '11:00:00'),
(21, 303, 'Monday', '10:00:00', '12:00:00'),
(22, 304, 'Tuesday', '15:00:00', '17:00:00'),
(23, 305, 'Wednesday', '08:00:00', '10:00:00'),
(24, 306, 'Thursday', '11:00:00', '13:00:00'),
(25, 301, 'Friday', '14:00:00', '16:00:00'),
(26, 302, 'Monday', '09:00:00', '11:00:00'),
(27, 303, 'Tuesday', '13:00:00', '15:00:00'),
(28, 304, 'Wednesday', '10:00:00', '12:00:00'),
(29, 305, 'Thursday', '08:00:00', '10:00:00'),
(30, 306, 'Friday', '12:00:00', '14:00:00');

```

```

INSERT INTO Assessments (Assessment_id, Course_id, AssessmentType, TotalMarks)

```

```

VALUES

```

```

(1, 301, 'Exam', 100),
(2, 302, 'Quiz', 20),
(3, 303, 'Assignment', 50),
(4, 304, 'Project', 150),
(5, 305, 'Exam', 200),
(6, 306, 'Quiz', 30),

```

(7, 307, 'Quiz', 20),  
(8, 308, 'Assignment', 50),  
(9, 309, 'Project', 100),  
(10, 310, 'Exam', 100),  
(11, 311, 'Quiz', 20),  
(12, 312, 'Assignment', 50),  
(13, 313, 'Project', 100),  
(14, 314, 'Exam', 100),  
(15, 315, 'Quiz', 30),  
(16, 316, 'Assignment', 40),  
(17, 317, 'Project', 120),  
(18, 318, 'Exam', 200),  
(19, 319, 'Quiz', 25),  
(20, 320, 'Assignment', 45),  
(21, 321, 'Project', 110),  
(22, 322, 'Exam', 150),  
(23, 323, 'Quiz', 20),  
(24, 324, 'Assignment', 60),  
(25, 325, 'Project', 130),  
(26, 326, 'Exam', 180),  
(27, 327, 'Quiz', 25),  
(28, 328, 'Assignment', 55),  
(29, 329, 'Project', 140),  
(30, 330, 'Exam', 170);

