-- task 1

Create database if not exists Student\_Info\_Sys;

Use Student\_Info\_Sys;

Create table if not exists student(

StudentId int primary Key,

FirstName varchar(50) not null,

LastName varchar(50) not null,

Dob date not null,

Email varchar(55) unique,

PhoneNo varchar(15) unique

);

Create table if not exists Teacher(

TeacherId int primary Key,

FirstName varchar(50) not null,

LastName varchar(50) not null,

Email varchar(55) unique

);

Create table if not exists Courses(

CourseId int primary Key,

CourseName varchar(50) not null,

Credits varchar(15) ,

TeacherId int,

FOREIGN KEY (TeacherId) REFERENCES Teacher(TeacherId)

);

Create table if not exists Enrollments(

EnrollmentId int primary Key,

StudentId int,

CourseId int,

FOREIGN KEY (StudentId) REFERENCES Student(StudentId),

FOREIGN KEY (CourseId) REFERENCES Courses(CourseId),

EnrollmentDate date

);

Create table if not exists Payments(

PaymentId int primary key,

StudentId int,

FOREIGN KEY (StudentId) references Student(StudentID),

Amount int not null,

PaymentDate date

);

Insert into student values(101, 'Ram','Rajput', '2010-10-05','ram123@gmail.com', '4567890123' ),

(102, 'Raju','Vyas', '2011-11-15','raju123@gmail.com', '5678901234' ),

(103, 'Shyam','Kapoor', '2010-01-12','shyam123@gmail.com', '1234567890' ),

(104, 'Ritu','Arora', '2011-05-17','ritu123@gmail.com', 2345678901 ),

(105, 'Rita','Rajput', '2011-06-17','rita123@gmail.com', '1345678901' ),

(106, 'John','Thomas', '2010-04-10','john123@gmail.com', '3345678911' ),

(107, 'Aman','Agrawal', '2010-02-02','aman123@gmail.com', '5545678909' ),

(108, 'Harsh','Kumar', '2011-04-30','harsh123@gmail.com', '4445678977' ),

(109, 'Sonu','Sharma', '2011-05-13','sonu123@gmail.com', '2233678900' ),

(110, 'Aarav','Kumar', '2010-02-11','aarav123@gmail.com', '1435678933' )

;

insert into Teacher values(01, 'Neha', 'Rawat', 'neha123@gmail.com'),

(02, 'Aditi', 'Singh', 'aditi123@gmail.com'),

(03, 'Swapnil', 'Singh', 'swapnil123@gmail.com'),

(04,'Ronak', 'Kapoor','ronak123@gmail.com'),

(05,'Raja', 'Singh','raja123@gmail.com'),

(06,'Nisha', 'Chopra','nisha123@gmail.com'),

(07,'Atul', 'Kumar','atul123@gmail.com'),

(08,'Aanchal', 'Jain','aanchal123@gmail.com'),

(09,'Kajal', 'Singh','kajal123@gmail.com'),

(10,'Abdul', 'Khan','abdul123@gmail.com')

;

insert into Courses values(500, 'DBMS', '45', 01),

(501, 'DSA', '30', 02),

(502, '00PS', '50', 03),

(503,'JAVA', '35',04),

(504,'PYTHON', '45',05),

(505,'OS', '30',06),

(506,'Networking', '50',07),

(507,'HTML', '35',08),

(508,'CSS', '50',09),

(509,'Cpp', '45',10)

;

insert into Enrollments values(0101, 101, 509, '2024-10-05'),

(0102, 104, 508, '2024-10-04'),

(0103, 102, 507, '2024-10-05'),

(0104,103, 506,'2024-10-02'),

(0105,108, 505,'2024-10-03'),

(0106,107, 504,'2024-10-07'),

(0107,109, 503,'2024-10-07'),

(0108,105, 502,'2024-10-06'),

(0109,110, 501,'2024-10-04'),

(0110,106, 500,'2024-10-03')

;

insert into Payments values(1023, 101, 5000, '2024-09-05'),

(3456, 104, 3000, '2024-09-04'),

(4563, 102, 3500, '2024-09-05'),

(6754,103, 4500,'2024-09-02'),

(6578,108, 1200,'2024-09-03'),

(7568,107, 2300,'2024-09-07'),

(7564,109, 2000,'2024-09-07'),

(9876,105, 3500,'2024-09-06'),

(7654,110, 2500,'2024-09-04'),

(9812,106, 3500,'2024-09-03')

;