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create database exp;
use exp;
CREATE TABLE user
(
Pk_User_Id INT AUTO_INCREMENT,
Name VARCHAR(40) NOT NULL,
PRIMARY KEY(Pk_User_Id)
);
CREATE TABLE tutorial_detail
(
Pk_Tutorial_Id INT PRIMARY KEY AUTO_INCREMENT,
TutorialName VARCHAR(70),
Fk_User_Id INT,
ExpectedDate DATE,
ActualDate DATE,
Deadline DATE,
FOREIGN KEY (Fk_User_Id)
REFERENCES user(Pk_User_Id)
);
CREATE TABLE payment
(
Pk_Payment_Id INT PRIMARY KEY AUTO_INCREMENT,
Ammount INT NOT NULL DEFAULT 1000,
Fk_User_Id INT,
FOREIGN KEY (Fk_User_Id)
REFERENCES user(Pk_User_Id)
);
CREATE TABLE foss
(
Pk_Foss_Id INT AUTO_INCREMENT,
UserName VARCHAR(70),
NoOfTutorials INT DEFAULT 10,
Fk_User_Id INT,
submission INT DEFAULT 1,
SubmissionDate DATE,
PRIMARY KEY (Pk_Foss_Id),
FOREIGN KEY (Fk_User_Id)
REFERENCES user(Pk_User_Id)
);
#####

INSERT INTO user(Name) VALUES ('Shivendra Singh');
INSERT INTO user(Name) VALUES ('Virendra Singh');

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INSERT INTO user(Name) VALUES ('Deepak Shukla');
INSERT INTO user(Name) VALUES ('Dev Singh');
INSERT INTO user(Name) VALUES ('Om Pathe');
INSERT INTO user(Name) VALUES ('Sujeet Patidar');
##
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Intro to C++',1,'2018-03-15','2018-03-15','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Intro to Java',1,'2018-03-15','2018-03-26','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Intro to Python',2,'2018-03-15','2018-03-01','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Intro to Git',3,'2018-03-15','2018-03-25','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Intro to ruby',4,'2018-03-15','2018-03-20','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Intro to C',4,'2018-03-15','2018-03-24','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Blender Basics',5,'2018-03-11','2018-02-20','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Android Basics',6,'2018-03-15','2018-03-23','2018-03-25');
INSERT INTO tutorial_detail(TutorialName,Fk_User_Id,ExpectedDate,ActualDate,Deadline)
VALUES ('Easy iOS',5,'2018-03-11','2018-02-19','2018-03-25');
####
INSERT INTO payment (Fk_User_Id)
SELECT Fk_User_Id FROM tutorial_detail
WHERE ActualDate<=Deadline;
#####
INSERT INTO foss(Fk_User_Id,UserName,SubmissionDate)
SELECT t.Fk_User_Id,u.Name,t.ActualDate FROM tutorial_detail t,user u
WHERE t.Fk_User_Id=u.Pk_User_Id AND t.ActualDate<=t.Deadline;

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