Activity 5

Has0027

Entities:

* Project (ProjectNumber, ProjectName, Cost, ProjectLeaderID)
* Employee (EmployeeNumber, EmployeeName, JobClass)
* JobClass (JobClassID, Name, ChargePerHour)

RelationShip:

* Assignment (ProjectNumber, EmployeeNumber, HoursBilled, TotalCharge)

Create Table Code:

* CREATE TABLE Project (

ProjectNumber int not null primary key,

ProjectName varchar(100),

Cost float,

ProjectLeaderID int

);

* CREATE TABLE Employee (

EmployeeNumber int not null primary key,

EmployeeName varchar(100),

JobClass varchar(100)

);

* CREATE TABLE JobClass (

JobClassID int not null primary key,

Name varchar(100),

ChargePerHour float

);

* CREATE TABLE Assignment (

ProjectNumber int not null primary key,

EmployeeNumber int not null,

HoursBilled float,

TotalCharge float

);

Insert Data Code:

* INSERT INTO Project (ProjectNumber, ProjectName, Cost, ProjectLeaderID) VALUES (15, Evergreen, 10549.70, 105);
* INSERT INTO Project (ProjectNumber, ProjectName, Cost, ProjectLeaderID) VALUES (18, Amber Wave, 7171.47, 104);
* INSERT INTO Project (ProjectNumber, ProjectName, Cost, ProjectLeaderID) VALUES (22, Rolling Tide, 13660.10, 113);
* INSERT INTO Project (ProjectNumber, ProjectName, Cost, ProjectLeaderID) VALUES (25, Starflight, 17559.82, 101);

Has

Assignment

Employee

JobClass

Project