



-- Generated by Oracle SQL Developer Data Modeler 19.2.0.182.1216

-- at: 2021-07-01 16:02:33 EDT

-- site: SQL Server 2012

-- type: SQL Server 2012

CREATE TABLE course\_table (

courseid INTEGER NOT NULL,

name VARCHAR(25),

description VARCHAR(50),

prerequisite INTEGER,

level VARCHAR(2),

rate NUMERIC(7)

)

go

EXEC sp\_addextendedproperty 'MS\_Description' , '1,2,3' , 'USER' , 'dbo' , 'TABLE' , 'Course\_Table' , 'COLUMN' , 'Level' go

ALTER TABLE Course\_Table ADD constraint course\_table\_pk PRIMARY KEY CLUSTERED (CourseID)

WITH (

ALLOW\_PAGE\_LOCKS = ON ,

ALLOW\_ROW\_LOCKS = ON ) go

CREATE TABLE schedule\_table (

schedule\_date INTEGER NOT NULL,

course\_id INTEGER,

student\_id INTEGER,

teacherid INTEGER,

teacher\_table\_teacherid INTEGER NOT NULL,

course\_table\_courseid INTEGER NOT NULL,

student\_table\_studentid INTEGER NOT NULL

)

go

ALTER TABLE Schedule\_Table ADD constraint schedule\_table\_pk PRIMARY KEY CLUSTERED (Schedule\_Date)

WITH (

ALLOW\_PAGE\_LOCKS = ON ,

ALLOW\_ROW\_LOCKS = ON ) go

CREATE TABLE student\_table (

studentid INTEGER NOT NULL,

last\_name VARCHAR(25),

first\_name VARCHAR(25),

street\_address VARCHAR(50),

phone# CHAR(10),

city VARCHAR(25),

state CHAR(2),

zip CHAR(5),

country CHAR(2)

)

go

ALTER TABLE Student\_Table ADD constraint student\_table\_pk PRIMARY KEY CLUSTERED (StudentID)

WITH (

ALLOW\_PAGE\_LOCKS = ON ,

ALLOW\_ROW\_LOCKS = ON ) go

CREATE TABLE teacher\_table (

teacherid INTEGER NOT NULL,

last\_name VARCHAR(25),

first\_name VARCHAR(25),

street\_address VARCHAR(50),

phone# CHAR(10),

city VARCHAR(25),

state CHAR(2),

zip CHAR(5),

country CHAR(2)

)

go

ALTER TABLE Teacher\_Table ADD constraint teacher\_table\_pk PRIMARY KEY CLUSTERED (TeacherID)

WITH (

ALLOW\_PAGE\_LOCKS = ON ,

ALLOW\_ROW\_LOCKS = ON ) go

ALTER TABLE Schedule\_Table

ADD CONSTRAINT schedule\_table\_course\_table\_fk FOREIGN KEY ( course\_table\_courseid )

REFERENCES course\_table ( courseid )

ON DELETE NO ACTION

ON UPDATE no action go

ALTER TABLE Schedule\_Table

ADD CONSTRAINT schedule\_table\_student\_table\_fk FOREIGN KEY ( student\_table\_studentid )

REFERENCES student\_table ( studentid )

ON DELETE NO ACTION

ON UPDATE no action go

ALTER TABLE Schedule\_Table

ADD CONSTRAINT schedule\_table\_teacher\_table\_fk FOREIGN KEY ( teacher\_table\_teacherid )

REFERENCES teacher\_table ( teacherid )

ON DELETE NO ACTION

ON UPDATE no action go

-- Oracle SQL Developer Data Modeler Summary Report:

--

-- CREATE TABLE 4

-- CREATE INDEX 0

-- ALTER TABLE 7

-- CREATE VIEW 0

-- ALTER VIEW 0

-- CREATE PACKAGE 0

-- CREATE PACKAGE BODY 0

-- CREATE PROCEDURE 0

-- CREATE FUNCTION 0

-- CREATE TRIGGER 0

-- ALTER TRIGGER 0

-- CREATE DATABASE 0

-- CREATE DEFAULT 0

-- CREATE INDEX ON VIEW 0

-- CREATE ROLLBACK SEGMENT 0

-- CREATE ROLE 0

-- CREATE RULE 0

-- CREATE SCHEMA 0

-- CREATE SEQUENCE 0

-- CREATE PARTITION FUNCTION 0

-- CREATE PARTITION SCHEME 0

--

-- DROP DATABASE 0

--

-- ERRORS 0

-- WARNINGS 0