CREATE TABLE Metadata (

TableName VARCHAR (255),

OrderofColumn INT,

KeyType VARCHAR (255),

ColumnName VARCHAR (255),

DataType VARCHAR (255),

Nullable VARCHAR (255),

Describtion VARCHAR (255)

);

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INSERT INTO Metadata VALUES ('dept', 1, 'SI', 'DName', 'VARCHAR', 'NOT NULL', 'the department’s name');

INSERT INTO Metadata VALUES ('dept', 2, 'PKI', 'DCode', 'INT', 'NOT NULL', 'the department’s code');

INSERT INTO Metadata VALUES ('dept', 3, 'null', 'DOffice', 'VARCHAR', 'NULL', 'the department’s office');

INSERT INTO Metadata VALUES ('dept', 4, 'null', 'DPhone', 'VARCHAR', 'NULL', 'the department’s phone');

INSERT INTO Metadata VALUES ('dept', 5, 'null', 'DStarDate', 'DATE', 'NOT NULL', 'the department’s start date');

INSERT INTO Metadata VALUES ('dept',6, 'null', 'CollegeCName', 'VARCHAR', 'NOT NULL', 'the department’s college name');

INSERT INTO Metadata VALUES ('dept', 7, 'null', 'InstructorId', 'INT', 'NOT NULL', 'the department’s instructor');

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INSERT INTO Metadata VALUES ('Course', 1, 'PKI', 'CCode', 'INT', 'NOT NULL', 'the course code');

INSERT INTO Metadata VALUES ('Course', 2, 'null', 'CoName', 'VARCHAR', 'NOT NULL', 'the course name');

INSERT INTO Metadata VALUES ('Course', 3, 'null', 'Credits', 'INT', 'NOT NULL', 'the course credits');

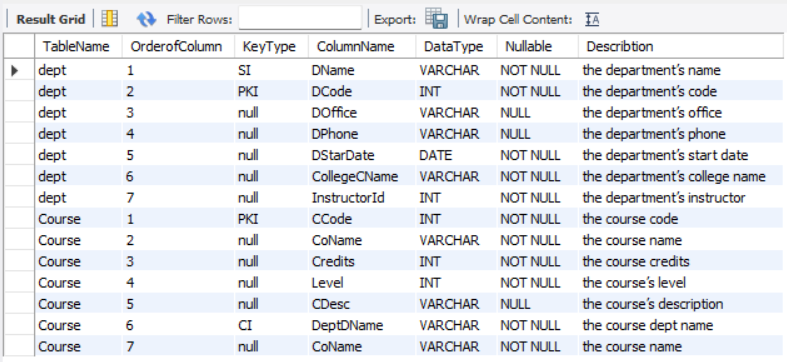
INSERT INTO Metadata VALUES ('Course', 4, 'null', 'Level', 'INT', 'NOT NULL', 'the course’s level');

INSERT INTO Metadata VALUES ('Course', 5, 'null', 'CDesc', 'VARCHAR', 'NULL', 'the course’s description');

INSERT INTO Metadata VALUES ('Course', 6, 'CI', 'DeptDName', 'VARCHAR', 'NOT NULL', 'the course dept name');

INSERT INTO Metadata VALUES ('Course', 7, 'null', 'CoName', 'VARCHAR', 'NOT NULL', 'the course name');

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Creating indexes:

CREATE UNIQUE INDEX primary\_idx\_DCode ON dept (DCode ASC);

CREATE INDEX secondary\_idx\_DName ON dept (DName);

CREATE UNIQUE INDEX primary\_idx\_CCode ON Course (CCode ASC);

CREATE INDEX cluster\_idx\_DeptDName ON Course (DeptDName ASC);