

inse9c.cslzqhslqaw.eu-west-2.rds.amazonaws.com:3306

<http://stackoverflow.com/questions/6045384/playing-mp3-and-wav-in-java>

use Inse9c;

```
CREATE TABLE theoryTest (  
    theoryTestID INT NOT NULL AUTO_INCREMENT,  
    testType varchar(30) NOT NULL  
);
```

```
CREATE TABLE User (  
    userID INT NOT NULL AUTO_INCREMENT,  
    Registered BOOL DEFAULT FALSE,  
    userFname varchar(20) NOT NULL,  
    userLname varchar(20) NOT NULL,  
    userEmail varchar(30) NOT NULL ,  
    userDOB DATE NOT NULL,  
    userPassword varchar(40) NOT NULL,  
    testResultID INT NOT NULL,  
    PRIMARY KEY (userID),  
    UNIQUE KEY (userEmail),  
    FOREIGN KEY (testResultID) REFERENCES testResult(testResultID)  
);
```

```
CREATE TABLE userTest (  
    userID INT NOT NULL,  
    theorytestID INT NOT NULL,  
    PRIMARY KEY (userID, theoryTestID),  
    FOREIGN KEY (userID) REFERENCES User(userID),  
    FOREIGN KEY (theorytestID) REFERENCES theoryTest (theoryTestID)  
);
```

```
CREATE TABLE testResult (  
    testResultID INT NOT NULL AUTO_INCREMENT,  
    practTestResult varchar(10) NOT NULL,  
    topicResult varchar(10) NOT NULL,  
    quizResult varchar(10) NOT NULL,  
    PRIMARY KEY (testResultID)  
);
```

```

CREATE TABLE Question (
    QuestionID INT NOT NULL AUTO_INCREMENT,
    questionTopic varchar(25) NOT NULL,
    questionContents varchar(255) NOT NULL,
    correctAns varchar(255) NOT NULL,
    wrongAns1 varchar(255) NOT NULL,
    wrongAns2 varchar(255) NOT NULL,
    wrongAns3 varchar(255) NOT NULL,
    PRIMARY KEY (QuestionID)
);

```

```

CREATE TABLE testQuestion (
    theoryTestID INT NOT NULL,
    QuestionID INT NOT NULL,
    PRIMARY KEY (theoryTestID, QuestionID),
    FOREIGN KEY (theoryTestID) REFERENCES theoryTest (theoryTestID),
    FOREIGN KEY (QuestionID) REFERENCES Question (QuestionID)
);

```

Older code:

```

CREATE TABLE Question (
    QuestionID INT NOT NULL AUTO_INCREMENT,
    questionTopic varchar(25) NOT NULL,
    questionContents varchar(100) NOT NULL,
    PRIMARY KEY (QuestionID)
);

```

```

CREATE TABLE testQuestion (
    theoryTestID INT NOT NULL,
    QuestionID INT NOT NULL,
    PRIMARY KEY (theoryTestID, QuestionID),
    FOREIGN KEY (theoryTestID) REFERENCES theoryTest (theoryTestID),
    FOREIGN KEY (QuestionID) REFERENCES Question (QuestionID)
);

```

```

CREATE TABLE Answer (
    AnswerID INT NOT NULL AUTO_INCREMENT,
    answerTopic varchar(25) NOT NULL,
    answerContents varchar(80) NOT NULL,
    PRIMARY KEY (AnswerID)
);

```

```
CREATE TABLE testAnswer (  
    theoryTestID INT NOT NULL,  
    AnswerID INT NOT NULL,  
    PRIMARY KEY (theoryTestID, AnswerID),  
    FOREIGN KEY (theoryTestID) REFERENCES theoryTest (theoryTestID),  
    FOREIGN KEY (AnswerID) REFERENCES Answer (AnswerID)  
);
```