DDL Exercise:

Student is a table for recording information about the students. Course table is a record for courses. The students have marks for each course they selected. The marks are recorded in result table.

The three tables and their attributes are:

student(sid, sname, city, gender);

module(mid, ctitle, credit)

result(sid, mid, mark);

The data in the three tables are as follows.

Student Table:

SID SNAME CITY GENDER

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s01 Sanghera London F

s02 Jones Paris F

s03 Blake Paris M

s04 Obhi London M

Module Table:

MID MTITLE CREDIT

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m01 Database 15

m02 Java 15

m03 C++ 30

m04 E-Commerce 15

Result Table:

SID MID MARK

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s01 m01 90

s01 m02 80

s01 m03 85

s01 m04 95

s02 m01 70

s02 m02 60

s03 m02 65

s04 m02 90

s04 m04 96

s04 m03 55

Your task:

1. Create the three tables using SQL with appropriate attribute data types;
2. Populate the tables with the given data.

Check your work now:

Select \* from student;

Select \* from module;

Select \* from result;

1. Work out the following queries:

* List all cities where we have students
* List all module titles with credits less than 20
* Find name of the student whose SID is s02
* Find the module ID and title for those modules with credit of 30
* List all module titles selected by Jones
* List all student names in Database
* List the total credits obtained by each student
* List the maximum mark for each module;
* List the maximum mark and the corresponding student name for students in each city.