1. Based on *Student database* below, you are expected to implement each query that carries out the operations given below.

**Faculty(FacultyID, Name, DeanRegNo)**

**Department(DepartmentID, Name, HeadRegNo, FacultyNo)**

**Student(StudentNo, Name, Surname, Sex, DateofBirth, EduPeriod, DepartmentNo)**

**Instructor(InstructorRegNo, Name, Surname, Sex, Position, DepartmentNo)**

**Course(CourseID, CourseName, THour, PHour, Credit, DepartmentNo)**

**Section(CourseID, SectionID, Inst\_inCharge)**

**Stu\_Course(StudentNo, CourseID, SectionID, MO, Grade)**

1. Show the students’ number, name, and surname whose department number is 1 and that have not taken any course offered by department 3.
2. Find out id and name of the departments having at least one student and offering no course.
3. Find out the departments’ id, name, and research assistant count having at least two research assistants (abbreviated as *RA* in database).
4. Find out the students’ number, name, and surname whose total credit is greater than 10.

1 In order to learn how to load a database, stored as sql script file, to MySQL Workbench, perform the following steps.

1. Download database as sql file from

*vtlab.cs.hacettepe.edu.tr/files/BBM473-2015-2016BaharQuiz3relation.sql*

1. Connect server, *localhost*.
2. From file menu, press **Open SQL Script**,*or use “Ctrl+Shift+O” buttons*.
3. From toolbar of script file, press **Execute** button ().
4. Database is loaded, but you may need to refresh your database list to see your loaded new database. Use **refresh** () button in schemas window.

**Submission:**

There are four questions each of which should be saved separately. To do that:

* You should take one screenshot for each question that shows your sql script and output.
* Then you should name each screenshot file with its question index. (e.g. “1a.png” for question a)
* Before submission, make all of your files compressed zip file and name it your department id beginning with “b”.
* Send your zip file as an e-mail to **vtlab@cs.hacettepe.edu.tr.**