**Due Date:** March 25th 23:55 via UZEM.

You must follow the instructions, specifications and steps given in the homework.

1. Install MySql Server (<https://dev.mysql.com/downloads/installer/>)
2. Create a database named **TESTDB** and a user named **testuser** with a password **test123**
3. Write a **Python program** which performs the following operations
   1. Drop the table named **STUDENTS** if exists.
   2. Create a table named **STUDENTS** with the following fields
      1. **ID** :String field with max length of 20 to keep student’s id as a primary key.
      2. **NAME** :String field with max length of 100 to save a student’s name.
      3. **AGE** :Integer field to keep age of a student.
      4. **GPA** :Float field the record GPA of a student.
   3. Read **students.xml** file and parse it to get id, name, age and gpa of each student.
   4. Insert all students into the database one-by-one.
   5. If your first name starts with a vowel (A, E, I, O, …) do the following
      * + Write and execute a **SQL query** which retrieves and prints the name of the student who has the maximum gpa in your Python program.

Else

* + - * Write and execute a **SQL query** which retrieves and prints the number of students whose ages are greater than 20 in your program.