

Online Section A1

Student (snum: integer, sname: string, major: string, slevel: string, age: integer)

Course (cnum: integer, cname: string, meets_at: string, room: string, fid: integer)

Enrolled (snum: integer, cnum: int)

Faculty (fid: integer, fname: string, deptid: integer)

Note: First execute the DB.sql script (provided with the assignment) to create the tables and insert data.

Task: Create a PL/SQL anonymous block using **loop, cursor and control statements** to do the following tasks.

A. User will give a string as input specifying the major. Print the total number of students with the major specified in the string.

B. User will give a student number as input.

1. If the snum exists in the student table, print details of that student.
2. Otherwise, create a new student entry in that table with that 'snum.' You can set other attributes as you wish.