

## 152112011 Computer Programming LAB – B

### QUIZ 5

**Due to: 31 May 2022, 13:50**

#### Objectives:

- C++ Programming Structs, DMA, Arrays, Strings
- C++ File name is **StudentID\_Quiz5\_qNO.cpp**
- **Note: Write comments in your code for explaining steps.**
- **Note: Pay attention to the indentations in your code.**
- **Everyone should do it alone.**
- **Please do not cheat.**

**Question 1:** There are **x** number of students in a class. It is necessary to know the **class, name, surname, and lessons that take** of **each student**. Each student must take 5 lessons. For this, it is requested to create a struct structure in which all the above-given features of the product as much as the number of "**x**" to be taken from the user. Then, write to screen to information for all product in order. Within the scope of quiz, **struct** and **DMA (Dynamic Memory Allocation)** structure should be used together.

#### Sample Output:

```
Enter the how many student in the school:2
1. student:
Enter the name:xx
Enter the surname:xs
Enter the class:1
Enter the lesson 1. :aa
Enter the lesson 2. :bb
Enter the lesson 3. :cc
Enter the lesson 4. :dd
Enter the lesson 5. :ee
2. student:
Enter the name:yy
Enter the surname:ys
Enter the class:2
Enter the lesson 1. :ff
Enter the lesson 2. :gg
Enter the lesson 3. :hh
Enter the lesson 4. :kk
Enter the lesson 5. :ll
1. Student Name: xx, Surname: xs, Class: 1
1. lesson:aa
2. lesson:bb
3. lesson:cc
4. lesson:dd
5. lesson:ee
2. Student Name: yy, Surname: ys, Class: 2
1. lesson:ff
2. lesson:gg
3. lesson:hh
4. lesson:kk
5. lesson:ll
```