

American International University-Bangladesh (AIUB)

Object Oriented Programming 2 (OOP2)

Fall 2022-23

Mid-term Lab Tasks-02

(Must maintain the rules for identifiers and naming conventions)

(All program must be under main function)

Student Information

First Name	Last Name	Birthdate	Address Line 1	Address Line 2	City	State/Province	Zip/Postal	Country
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- 1) Write a C# program to create a 1D string array where student information will be stored. Student information is stated in the above table. You need to take input from the user with a statement like “Your First Name:” / “Your Last Name:” / “Your Country:” etc.
 - Then, you will ask the user whether he/she wants to change their information or not.
 - If the user wants to change the information call a function for changing the information where-
 - You are able to change his/her four information: Address Line 1, Address Line 2, City, Country. So, ask the user which information he/she wants to change.
 - If the answer is neither above mentioned four of them, then the program will be terminated by showing the text “Invalid input. Try again!”.
 - After changing the information, print “Information changed!” and print the details of student information including the updated one by calling another function.
 - If the user doesn’t want to change his/her information, then ask the user if he/she wants to print the information or not.
 - If answer is yes, print student information using a function.
 - If answer is no, print “Thank you for your information” and terminate the program.
 - If the answer is neither yes or no, then the program will be terminated by showing the text “Invalid input. Try again!”.
- 2) Write a C# program to initialize three 2D integer array. The array size (row & column) should be same for all three 2D array. Then, use matrix multiplication for them to print the resulted one.

(Hints: First you need to multiply two matrices, then multiply that matrix with the third one)