Instructions
Read each of the following questions carefully, and then write your answers to the theory questions in the spaces provided. For the programming question, you must use HTML5 / XHTML / CSS / JavaScript. You can use the template and annex file.

Question 5 (1ˢᵗ page)   (12 points)
Create a web page using: ***XHTML / JavaScript / DOM / jQuery / CSS***.
- This web page will be used for registration, must include 2 form fields for the login (the student email and the password).
- Center aligns those 2 fields and one button. Add a border around those fields. The border size is 5px of color green and the padding and margin space is 23px.
- Create and enter the information into a table (respect the alignment, and color)

College Name	Course Code	Group No.	Course Name	Session
LaSalle	420-DW2-AS	7162	WEB CLIENT DEVELOPMENT	Winter 2023
				Copyright 2023

- The college name **LaSalle**, as well the **Copyright 2023** is a link to college LaSalle Onmivox web site, that will be open into a separate web page.
- Create a link to the next page, having your student ID number (next page 1234567)

Question 6 (1ˢᵗ page)   (12 points)
Write the JavaScript function that validate entered data (use Regular Expressions) that allows you to check the data of these two form fields (student email, and password) before showing the link (use jQuery) to open the second page. The conditions to respect are:
- The email address is validated with a regexp contain your college email address.
- The password can contain lowercase and uppercases letters, and numbers; its length is between **6** and **23**.
- Show messages of guidance to user, to understand the format of entered data if the entry is not correct.
- Save the email address into a cookie good for **23 seconds**.

Question 7 (2ⁿᵈ page)   (12 points)
- The next page, display a greeting with the email address, and the current time on the top section of the web page. Show the same greeting message into a popup window.
- Add a border of 2px of color blue with round corners and shadows of 15px of grey color around this greeting having a padding space of 15px.
- Create a link to go back to the first page, delete the cookie before open the login page.

Question 8 (2nd page)   (20 points)
- Create/add into the second web page, a table similar with this (respect the colors):

Student Name	Student ID	Exams – Date -		Grade
Enter your First Name	Enter your Student ID using <h2> color blue	Midterm (30%) – 2023-02-21		0
		Project (30%) – 2023-04-17		0
Enter your Last Name		Final (40%) – 2023-04-28		0
		Total		0

- Enter the midterm grade you obtain, for the project and for the final grade enter 90 into form input type number elements (accepted value are 0 - 100) under the Grade column (color green).
- Create a function that calculate and display the total of your exams grades into the last field (red). If the average total is between 60 to 100, then popup a positive message.

Question 9 (2nd page)   (20 points)
Create into the second web page, the following 4 input buttons.
- The 1st button, will call the function that calculate the total of the entered grades.
- The 2nd button. is hiding/showing the first column of the table (Student Name) if it is clicked (use jQuery)
- The 3rd button, on event click, will change the background color of the table headings with cyan color. (use jQuery)
- The 4th button will calculate and display, the text with the sum value of you first name, following this table alphabetical values.   (Example: **The total for James = 48)**

Conversion Table

A = 1	K = 11	U = 21
B = 2	L = 12	V = 22
C = 3	M = 13	W = 23
D = 4	N = 14	X = 24
E = 5	O = 15	Y = 25
F = 6	P = 16	Z = 26
G = 7	Q = 17	
H = 8	R = 18	
I = 9	S = 19	
J = 10	T = 20	

Example:

J	A	M	E	S
10	1	13	5	19

Save and **properly identify** your responses (files), compress, and send them by **LEA** of **Omnivox.**