COMPUTER SCIENCE SCHOOL

Program :
Computer Science Technology Programming 420.BP
Information Technology Programmer Analyst LEA.3Q

MIDTERM EVALUATION 30%

Course title:	**WEB CLIENT DEVELOPMENT**
Course number:	**420-DW2-AS**
Teacher name:	**M.MAFTEI**
Session :	**Summer 2019**
Duration of the exam:	**3 periods of 50 min.**
Percentage :	**30%**
Total points :	**100**
Date of the exam:	**2019-06-20**

STATEMENT OF COMPETENCY

- **Develop non-transactional Web applications – 00ST**

ELEMENTS OF COMPETENCY
- Prepare the computer development environment
- Program the Web interface
- Program the client-side application logic
- Control the quality of the application.

DIRECTIVES

- Read carefully every question.
- Open book and notes.

WEIGHT
This exam has 3 sections:

E1-a	E1-b	E2							
50	30	20							

Exercise 1: Table, div and CSS – 80p
Consider the following image and check the solution for the preparation for the midterm exam:
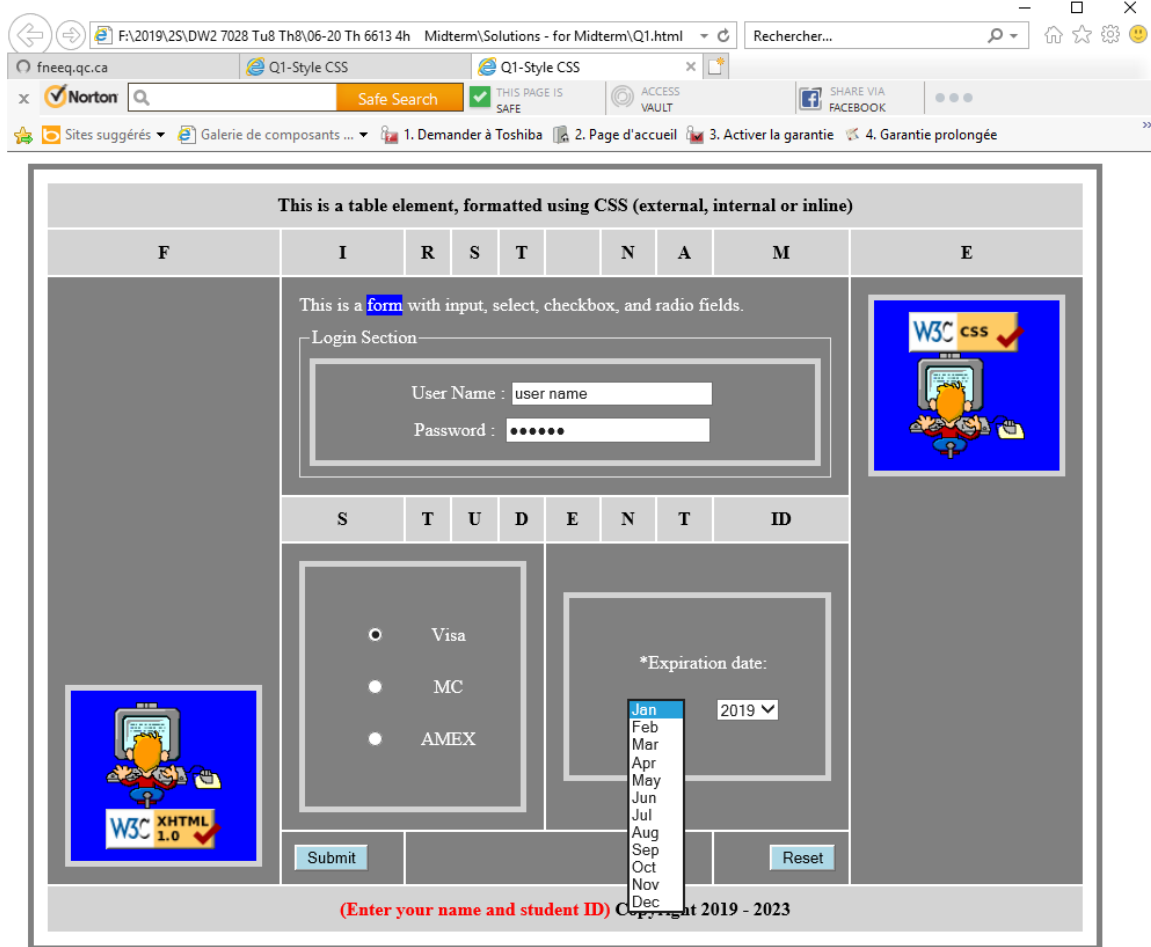

a: - 50p
Create the XHTML file for this image using HTML elements like: table, tr, th, td, div. span, h3, h5, p, img, and input web elements, respecting the format, spacing and colors.

Use the provided images and links to open into a new tab or a new window the external web sites for w3c validation (html and css) images. Also by clicking on the gif image (computer man), to open the external web sites URL of www.w3schools.com.

The drop-down lists will represent the months of the current year and for the four next years (2018-2022). Modify the existing copyright year information and add your name in red color.

For the 3 radio buttons, you have to represent the 3 credit cards, and modify the current formatting to have similar section of payments.

Multiply the number of computer man image, and add them into the right section of the page.

b: - 30p

Create and use the CSS formatting (external, internal and/or inline) to apply the colors, spacing and alignment of the web elements.

Adjust the sizes, the colors, and the formatting using the css.

Use colors : light grey, grey, light blue, blue.

Exercise 2: Multiple choices - 20p
Choose the right answer:

A - What is (are) the correct XHTML input field(s)?
o <input type="number">
o <input type="text">
o <textinput type="text">
o <input type="textfield">
o <input type="password">

B - What is (are) the correct XHTML for making a drop-down list(s)?
o <input type="dropdown">
o <input type="list">
o <select>
o <input type="select">
o <select type="option">

C - What is (are) the correct HTML5 input field(s)?
o <input type="numfield">
o <input type="text">
o <input type="num">
o <input type="number">
o <input type="password">

D - What HTML4 code is (are) correct and is "well-formed"?
o <H1>A B <i>short</i> P paragraph</H1>
o <h7>A B <i>short</i> paragraph P </h7>
o <P>A B <i>short paragraph </i> P </P>
o <h2>A B short paragraph P </h2>
o <H6>A B <i>short</i> P paragraph</H4>

E - What HTML code is (are) correct and is "well-formed"?
o <img src = image1.jpg alt = image1>
 Test <i>short paragraph </i> Test
o Testing the <i> Google </i> web site
o
 Test
o <img src = *.jpg alt = jpg_images> Show all jpg images </img>
o Google

Verify and validate your XHTML and CSS files, correct them if necessary.
Save and send your files using Omnivox (LEA).

Thank you.