**Kwantlen Polytechnic University**

Department of Computer Science & Information Technology

**INFO1213** **– Web Application Development**  **Midterm**

**Summer 2022**

**Total Marks: 100**

**Time Allowed: 150 minutes**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Instructions:**

* Create a new folder **Midterm**. Save all the files from this test to this folder.
* At the end of the test, zip the folder **Midterm** and upload the zipped folder to Moodle
* By taking this test, you declare you will not cheat.
* You may not collaborate with anyone.
* You may not ask for help from anyone.
* You may not use any new features that have not been covered in this course.

**Create a website about a Canadian Province**

This project is to create a three-page website to introduce a Canadian province of your choice. For creating this website, you will need to download a few images from the Internet. Make sure they are free for downloading.

1. Create a folder named **images** under the folder **Midterm**. Save all the images for this website inside the images folder.
2. Download a free image of the province from the Internet, resize it if necessary, and save it as your logo image.
3. Your website will contain the following three pages: Home, History, and Map.
4. Create an external stylesheet to include all the styles you create for this website. You must use at least one class and one id. Link the stylesheet to the three pages.
5. Create a favorite icon for your website and link it to each page.
6. Download an image of the province from the Internet to use as the background image of the three pages. Add a good background color and the background image (may be repeated) to the three pages.
7. Center all the three pages with the width set to 80%.
8. The three pages will have the same background, the same logo banner, the same navigation area, and the same footer area.
9. Insert your logo image (may be repeated along the horizontal direction) to the header of the three pages as the logo banner. Also, display the name of the povince in the logo banner area. Add a border to the bottom of the header.



1. The navigation area contains three links with no underline to the three pages. Add a good background color to the navigation area. The links will change color and display an underline when the mouse hovers over them.
2. The footer contains small centered italic text.The footer text should contain the following information:

Copyright © About the province. All Rights Reserved.

Replace the words “the province” with the name of the province that your website is about.

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Add a border to the top of the footer.

1. On the Home page, create the following three sections and add a good heading to each section. Configure a good background color for each heading and add appropriate padding and border to each heading.

Introduction: Use a short paragraph to give a brief introduction to the province.

Some Important Facts: Use a description list to list the following important facts about the province: the capital, land size, population, and the province flag (insert a small image of the flag here).



Some Cities: Use an unordered list to list 3 cities of the province. Link one of the cities to a website on the Web that can give you some useful information about that city.

1. On the History page, create two sections to introduce two important periods in the province’s history. On the left-hand side of the each section, give a brief introduction about that period, and on the right-hand side, float an image of an important person of that period with a centered caption below the image. Add a good heading to each of the two sections.
2. On the Map page, insert a map of the province. Define a polygonal area (not the whole map) and link that area to a website on the Web (You may need to search the Internet on how to define a polygonal area).