CPSC 2125 Internet Programming
Fall 2018

Midterm Exam

This exam is open-book; you can use the textbook, course slides, assignment files, student data files, tutorials, and Internet resources.

You are required to solve the problem described below by writing HTML and CSS code. Your HTML and CSS code are to be developed on your local machine. Once you are done, zip your Midterm Exam solution and submit it in the Midterm Exam Dropbox before the 4-hour lime limit expires. **Midterm Exam files submitted with a time stamps after the end of the Midterm Exam (dropbox time stamp - download exam time stamp > 4) will not be graded.**

Take-home exams are expected to be the in-private work of each individual student. Under no circumstances may there be any discussion of the exam during the examination period (even if you finish before the end of the allotted period). The student HTML and CSS code will be checked for plagiarism (unauthorized collaboration, identical submission in whole or parts). Please refer to the Academic Integrity section of the class syllabus.

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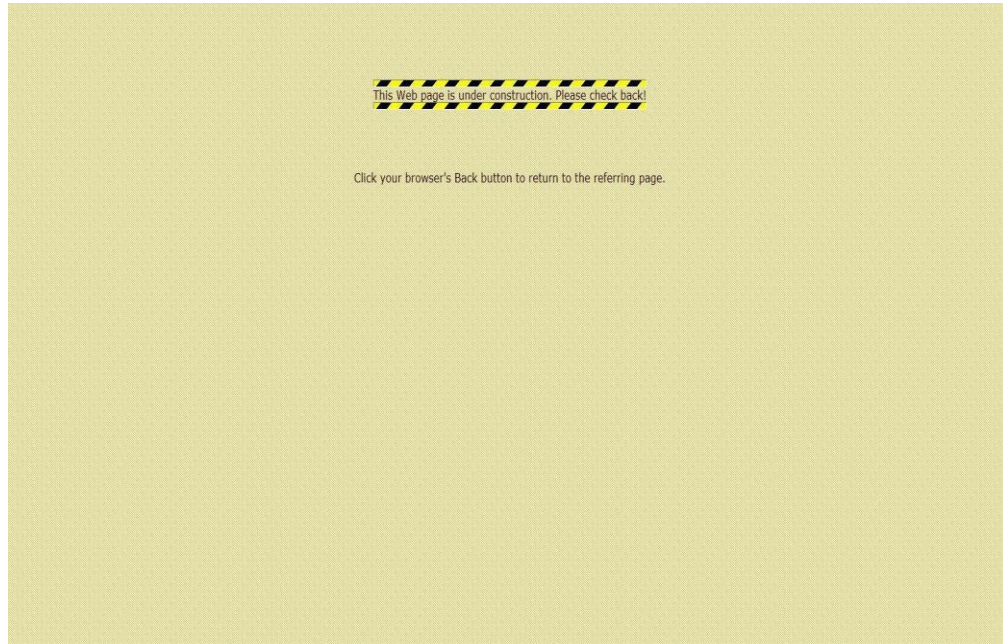**Problem Description**
The Nomad Ltd Company is offering different kind of gears and tours. Develop a website for them that includes a home page *nomadLtd<yourInitials>.html* and a second web page *underConstruction<yourInitials>.html* for this company.

1.   Create a folder *Midterm Exam<yourInitials>* on your local machine. Using the links on the CougarView Midterm Exam, download and save in the folder, the Midterm Exam instructions (this file) and the *images.zip* file. Unzip *images.zip* to have a subfolder, *images*, with .jpg and gif images you'll use for developing the web pages.

2.   Develop in your *Midterm Exam<yourInitials>* folder:
   * *nomadLtd<yourInitials>.html* web page
   * *underConstruction<yourInitials>.html* web page
   * *nomad.css* Cascading Style Sheet

   2.1 Develop two-column page layout *nomadLtd<yourInitials>.html* web page that consists of left navigation, main, and footer elements. See the screenshot below for a similar web page. Use external CSS *nomad.css* to configure the elements of the web page. The left column is a navigation area with links for Gears, Travel, and About Us. All links have to point to your

underConstruction<yourInitials>.html page. Use the following images for the left column: *nomad.gif, gear.gif, travel.gif, about.gif*. The right column contains main with a logo (*welcome.jpg*), two headers – Nomad winter tours! (in red) and Schedule your vaccine against cabin fever (in black). Below the headers you have three pictures (*athlete.gif, arts.gif,* and *leisure.gi*f). At the bottom of the main add another one – skibar.jpg. All images on the main element have to be links to the *underConstruction<yourInitials>.html* page. All elements on the main must be centered. The footer must contain the following text: *Copyright © 2018 Last Updated on 10/04/2018,* italics, positioned at the right side of the footer. Use a background color #eeeeee for the left column and background.gif as a background for the web page, main, and footer.

2.2 Develop a *underConstruction<yourInitials>.html* web page that looks as the web page snapshot. You can use the *construction.jpg* image from the *images* folder and the nomad.css developed for the *nomadLtd<yourInitials>.html* web page

2.3 Develop an external cascading style sheet *nomad.css* and apply it to the *nomadLtd<yourInitials>.html and underConstruction<yourInitials>.html* Web pages. It should contain rules (selectors and declarations) for the elements of the *nomadLtd<yourInitials>.html and underConstruction<yourInitials>.html* web pages and all other rules necessary to present the required web pages content.

Submission: Zip your *Midterm Exam<yourInitials>* folder and submit the zip file in the Midterm Exam dropbox on the class CougarView site. The zip file should contain your *nomadLtd<yourInitials>.html, underConstruction<yourInitials>.html, nomad.css, and images folder.*

Grading Rubric

Web page: *nomadLtd<yourInitials>.html*	Points:	35	
Left column	15		
Main	15		
Footer	5		
Web page: *underConstruction<yourInitials>.html*	Points:	15	
Text elements	7		
Images	8		
CSS: nomad.css	Points:	50	
Web page rules	5		
Left column rules	15		
Main rules	20		
Footer rules	10		
Total:	100	100	