Vanier College

Continuing Education

420-931-VA Front-End Web Programming

Section 02203

Lab Exam1

(Weight: 15%)

Instructions:

Documentation allowed.

No collaboration allowed.

To ask a question, please raise your hand.

Download **LabExam1** from Léa/Omnivox and extract its content.

Student Name: _____ _____
First name   **Last name**

Student ID: _____

Score: /100

Project A (50 marks)

You have been asked to take over the task of creating a web site for the company *Friendly Paws Pet Grooming*. A basic web page has already been written and some of the other needed files have been provided to you as well. Follow the directions below to create a more complete product.

1. Make a copy of the folder **ProjectA_Data** to be named **ProjectA_Solution**.

2. Make your new folder your current working directory.

3. Using a simple text editor such as Notepad++, open the file **Pet.html**, then save it as **Pet_Solution.html**.

4. Insert <u>Project A of Lab Exam1</u> as the title of the page.

5. Add an HTML comment in the <head> section of the page that includes your full name.

6. Using the id attribute, define the id **Home** to the **fplogo** image. Next, define the id's **About**, **Services**, **Links** and **Contact** to their corresponding heading tags.

7. Insert a navigation bar using the <nav> tag elements below the first horizontal rule under the fplogo image, within the <h3> tags. Use the &#124 character to separate the elements.

8. Create hypertext links using <a> tags to the navigation bar text below the **fplogo** image that will link each word to its appropriate section id.

9. Insert a break <br> tag after the closing list tag under the services section. Below the <br> add the HTML code that will insert the **offer.gif** image that you downloaded. Also, add the code to make the image a hotspot with a hyperlink to the **fpcoupon.pdf** file. Add the target attribute to the hyperlink so that the file opens in a new window.

10. In the Contact section of the page, add the code to make the word Janice an email link to send an email message to the address appointments@friendlypawsgrooming.com.

11. Go to the **Links** section of the page. Add the code to the first paragraph to make the text **American Kennel Club** a hyperlink to the web site http://www.akc.org. Add the code to the second paragraph to make the text **Westminster Kennel Club** a hyperlink to the web site http://www.westminsterkennelclub.org.

12. Add a meta element that specifies your name as the author of the page.

13. Add a meta element that specifies the keywords pet grooming, and pet care.

14. Save your file.

15. Open the file in your web browser to preview your work.

16. Correct errors as necessary and save your file.

An overview of the expected output for Project A is shown here.

Friendly Paws Pet Grooming

ome | About Us | Services | Contact | Links

bout Us

nice Malcomb started grooming her own pets in the early 1960's when she was given two poodle pups as a gift. Although there were pet grooming businesses in the area, Janice could not bring herself to ave her "babies" in the hands of others. She quickly became the groomer of choice for family and friends, and after much encouragement opened up her own business in 1971. Janice takes pride in oviding a motherly care and a homey environment for pets during their time at Friendly Paws. With her partner and daughter, Amy, she offers bathing, clipping, and overall grooming services for all type dogs, cats, and even an occasional guinea pig.

ervices

: Friendly Paws Pet Grooming we offer a wide variety of services to fit the needs of pet owners and pets alike. Drop-off service is available, but we also encourage you to stay in our comfortable waiting a complete with complimentary refreshments.

- Bath and Brush: We offer scented, unscented and medicated shampoos and conditioners. Odor-removing formulas are available for special circumstances such as skunk encounters, etc.
- Comfort-Clip: Guaranteed to provide your pet with a coat at a comfortable length hat is both stylish and low-maintenance. Best for active pets or those with busy owners.
- Runway Cut: For those owners who prefer a breed-specific cut that would wow the judges at Westminster. Choose from our catalog of professional grooming styles.
- Purrfect Fluff: Even the self-cleaning cat can sometimes use a little TLC. We guarantee a trauma-free cleaning and de-matting for even the most cantankerous kitty.
- Full Froo-Froo: Full service bath and brush, clip of choice, painted nails, ribbons or neckerchief, and optional perfume. A spa treatment for your best friend.

lick here for a valuable coupon!

ontact

e are located at the corner of Winecliff Avenue and Main Street in downtown Athens. Look for the big, pink poodle!

ppointments can be made by calling 555-PAWS or by sending an email to directly to Janice.

inks

owse the breed list at the American Kennel Club home page.

eck out videos and information at the Westminster Kennel Club site.

Project B (50 marks)

The company *Rescue Tutoring Services* needs a more stylish Web page than the extremely plain one they have sent to you. Follow the instructions below to create a cascading style sheet that will enhance their web presence.

1. Make a copy of the folder **ProjectB_Data** to be named **ProjectB_Solution**.

2. Make your new folder your current working directory.

3. Using a simple text editor such as Notepad++, open the file **Rescue.html** and save it as **Rescue_Solution.html**.

4. Open another instance of Notepad++ and create a file named **Rescue_Style.css**. Add code to the style sheet according to the specifications below:

    a. Insert a CSS comment at the top of the document that contains your <u>full name</u> and <u>Project B Style Sheet</u>.

    b. Apply a style to **h1** headings that sets the color to #CC3300 and centers them horizontally.

    c. Apply a style to **h2** headings that sets the color to #333333.

    d. Using a contextual selector, change the color of italic text contained in **h4** headings to gold.

    e. Apply the following styles to all links:

        a   text-decoration: none
                   color: red
                   font-weight: bold

    f. Apply the following styles to the **body** of the document:

        body   background-color: #999999
                   font-family: Verdana, Arial, sans-serif
                   margin: 30px

    g. Set the styles for **<ul>** tags so that the line-height is 1.5, the text is centered vertically in the line, and change the bullet style to the **bullet.gif** file.

    h. Apply a link rollover to all links to create a hover effect that turns the text white with a red background.

    i. Apply a style to the class **studytip** that will change the format of the first line of text to 18pt underlined small caps of the color #660000. (Hint: Use the pseudo-element first-line).

j. Add a callout note to the Web page by setting the following styles for the class **notice**:

> .notice   position: relative
> left: 20px
> top: 10px
> font-size: 10pt
> color: brown
> background-color: ivory
> border: 3px inset #CC3300
> width: 230px

k. Add a contextual selector to set the **p** tag inside the class **notice** to a margin of 15px.

5. Add the code in the file **Rescue_Solution.html** to link it to your CSS file.

6. View your HTML file in a browser and correct any errors.

An overview of the expected output for Project B is shown on next page.

INNSTRUCTIONS FOR SUBMISSION:

➢ Create a new folder named **LabExam1_Solution**.
➢ Move the folders **ProjectA_Solution** and **ProjectB_Solution** to this new folder **LabExam1_Solution**
➢ Compress the folder **LabExam1_Solution** into a zip file (**LabExam1_Solution.zip**), then submit it via Léa/Omnivox.