Practical Lab Topic 4 - Creating Page Layouts With CSS - The Park City Gazette (20 Marks)

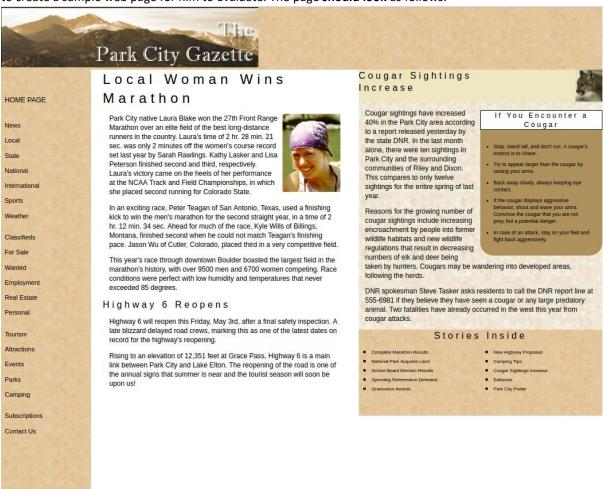**Aim:**

To test your knowledge of CSS to design the layout for the front page of local newspaper.

Datafiles needed for this case problem :

`address.txt , blake.jpg, cougar.jpg , links1.txt , links1.txt, libks2,txt, modernizr-1.5js , paperrxt.css , parch.jpg, parch2.jpg , parktxt.ht, , pcglogo.jpg , story1.txt-story4xt` [Download ZIP Archive] **, also available on Stream.**

The Park City Gazette:

Park City Wellington is a rural mountain community noted for its ski slopes and fishing holes. Kevin Webber is the editor of the weekly Park City Gazette. The paper recently redesigned its printed layout and Kevin wants you to do the same thing for the online version. He's prepared several files containing sample text from recent article and a few lists of links that usually appear in the front page of the newspaper's website. He also provided you with image files that can be used for the paper's logo and background. Your job will be to use all of these pieces to create a sample web page for him to evaluate. The page **should look** as follows:

Tasks To Do

Complete the following tasks:

1. Use your IDE to open the parktxt.htm and papertxt.css files from the ZIP archive provided with this problem sheet. Add your name and the date in the comment section of each file. Save each file as park.htm and paper.css respectively in a folder named: lab4;

2. Using the content of the *address , links (all of them)* and *story* text *(all of them)* files create the content and structure of the `park.htm` file. You are free to supplement the material in these text files with additional content of your own if appropriate . Use the # symbol for the value of the `href` attribute in your hypertext links because you will be linking to pages that don't actually exist (as in - `<a href="#">`) ;

3. Link the `park.htm` file to `paper.css` style sheet file and then save your changes ;

4. Go to the `paper.css` style sheet and create a layout for your *Park City Gazette* page sample page. The layout **should be based on a fluid design** that will render well on pages width from 100 to 1400 pixels

5. The specifics of the page is up to your imagination and skill must include the following features:
   a. Use the `display` property
   b. Application of `width` and `height` style properties
   c. Floated elements and cleared elements
   d. Defined margin and padding spaces as well maximum and minimum widths
   e. Border styles
   f. Rounded or elongated corners
   g. Use of progressive enhancement along with one or more browser style extension
   h. A tiled or non-tiled background image
   i. An example of relative or absolute positioning

6. Test your layout and design on a variety of devices (*hint: use your browser's developer options*), browsers and screen resolutions to ensure that your sample page is readable under different conditions. Test for 2-3 different web browsers and devices.

7. Publish your website to your website on SFS-WEBDEV.

Marking Schedule	
Component	Marks
Task 1 & 2	2
Task 3	2
Task 4	3
Task 5 (a-i ;1 mark each)	9
Task 6 (You can take a screenshot for each scenario to show it to your lab lecturers)	2
Task 7	2