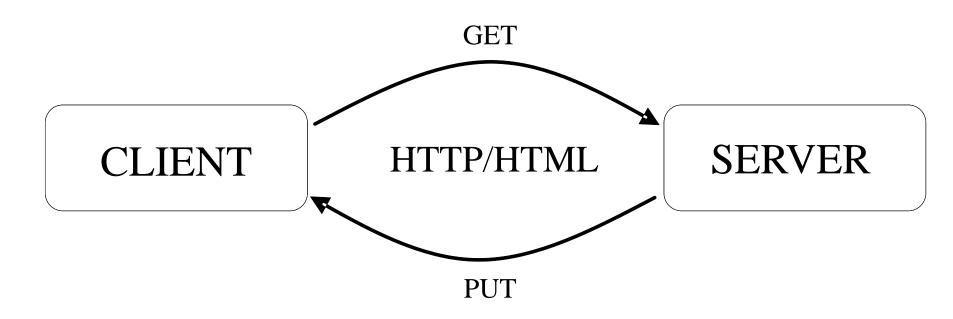


Introduction to HTML

Emmanuel Stefanakis

estef@unb.ca

Web Language



HTML

- HyperText Markup Language
 - standard markup language
 - to create web pages

```
<!DOCTYPE html>
<html>
<!-- created 2010-01-01 -->
<head>
 <title>sample</title>
</head>
<body>
 Voluptatem accusantium
 totam rem aperiam.
</body>
</html>
                    HTML
```

- written in the form of HTML elements
 - tags enclosed in angle brackets
 - most commonly come in pairs like <h1> and </h1>
 - also unpaired, for example

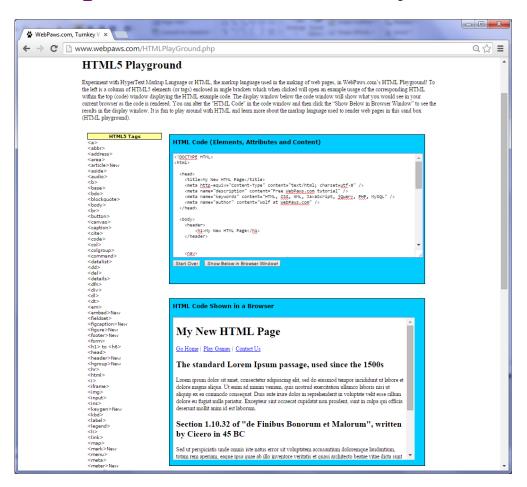
HTML Tutorials

- Read...
 - http://www.w3.org/MarkUp/Guide/

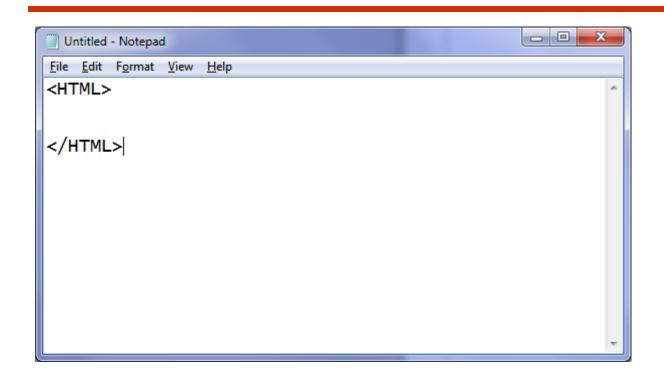
http://www.w3.org/MarkUp/Guide/Style.html

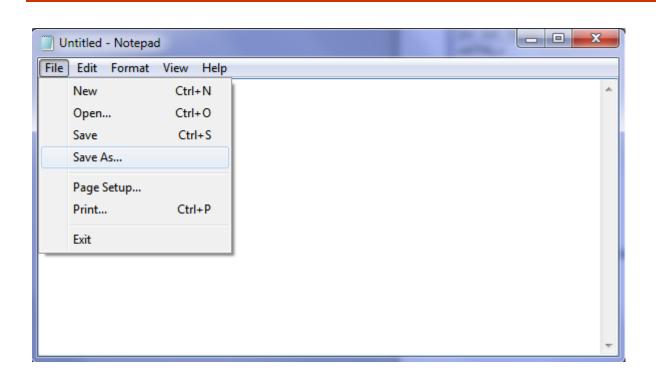
HTML Playgroung

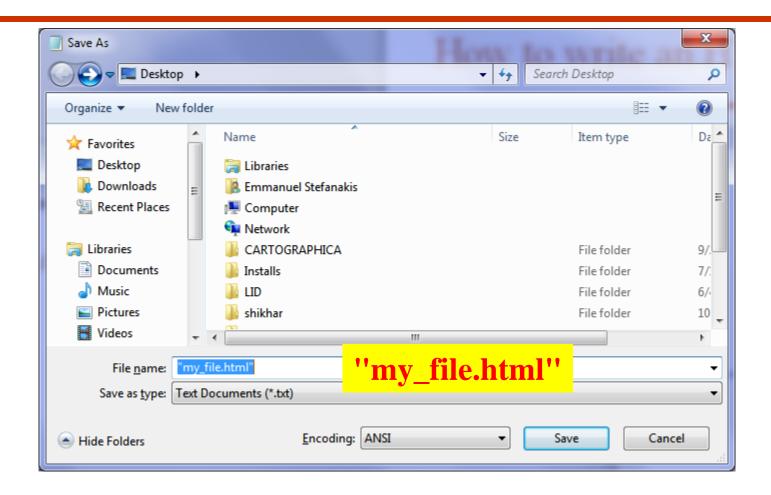
http://www.webpaws.com/HTMLPlayGround.php



- Open a text browser
 - e.g., Notepad
 - (Windows Start>Accessories)
 - or Notepad++
 - (download from http://notepad-plus-plus.org/)









Use an HTML Editor

- e.g.,

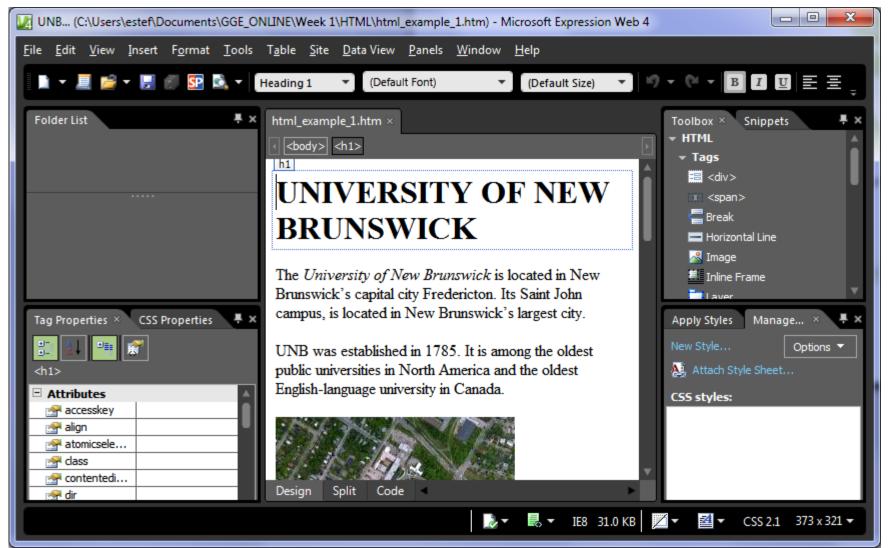
Since 2020, Microsoft has stopped distributing this s/w. You may find similar HTML editors (free and commercial), if you wish.

No HTML Editor is required for this course.

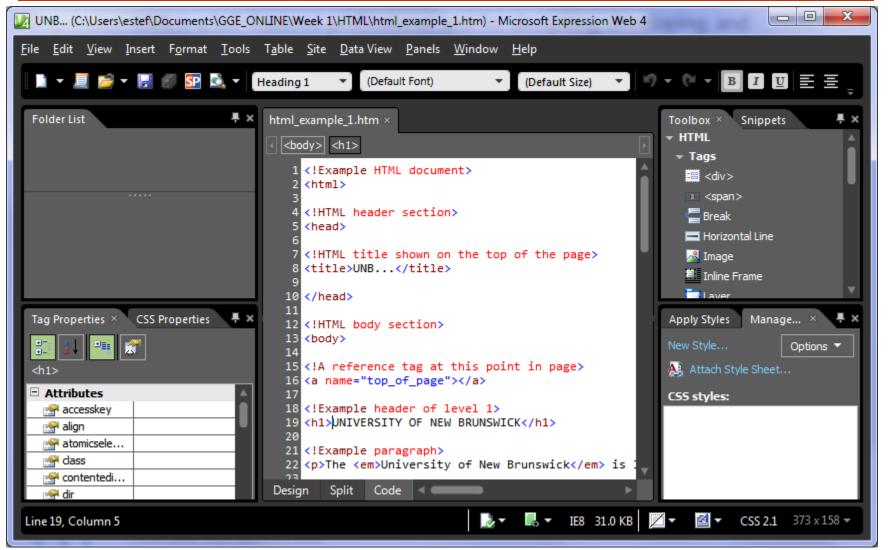


http://www.microsoft.com/en-ca/download/details.aspx?id=36179







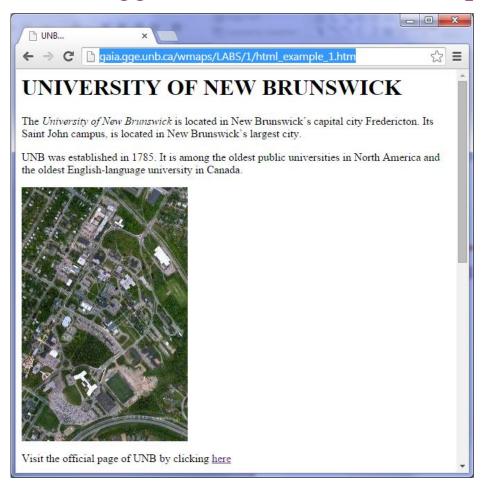


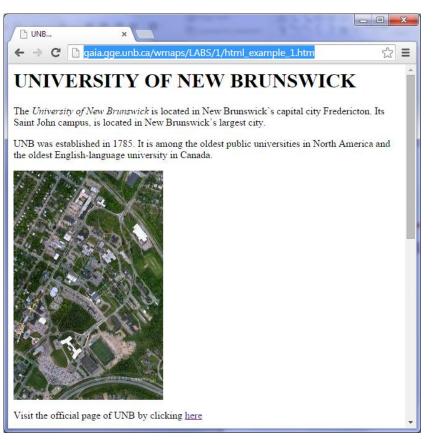
HTML Document Structure

```
\label{lem:continuous} $$ C:\Users\estef\Documents\GGE\_ONLINE\Week 1\HTML\html\_structure.htm - Notepad++ [Administrator] $$
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
  ] 🔒 🖺 😘 🥛 🖟 | 🖟 🕩 🖒 | Þ 🖒 🖒 🖎 🖎 😅 🛠 🕳 🖎 🖎 🖂 🗐 🗐 🖺 🖫 🖫 🐼 🔊 | 💿 🗉 🕟 🐼 🚰 |
Html structure.htm
         <!Example HTML document>
        □<html>
         <!HTML header section>
       | <head>
    6
         </head>
         <!HTML body section>
  10 |<body>
        </body>
  13
        </html>
Hyper Text Mark length: 131 lines: 14
                                                            Dos\Windows
                                                                        ANSI
                                                                                     INS
                               Ln:11 Col:1 Sel:0|0
```

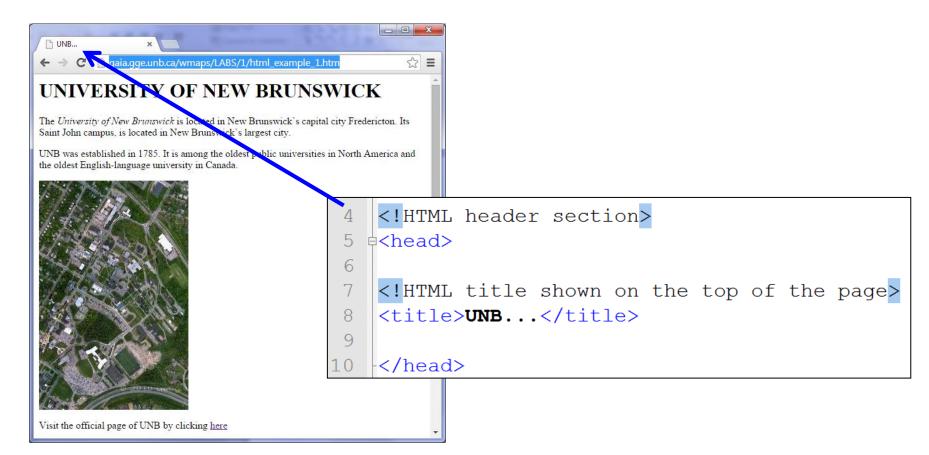
http://gaia.gge.unb.ca:8080/gge5403/labs/1/html_example_1.htm

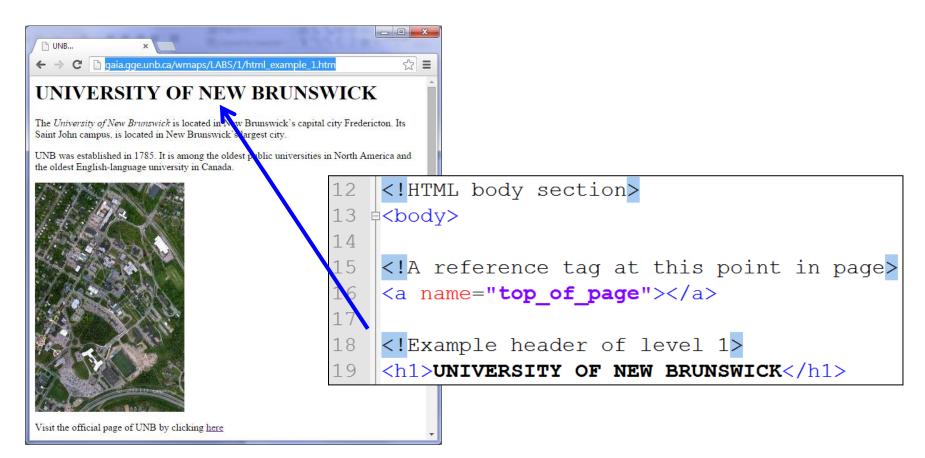
You need to establish a VPN connection to UNB

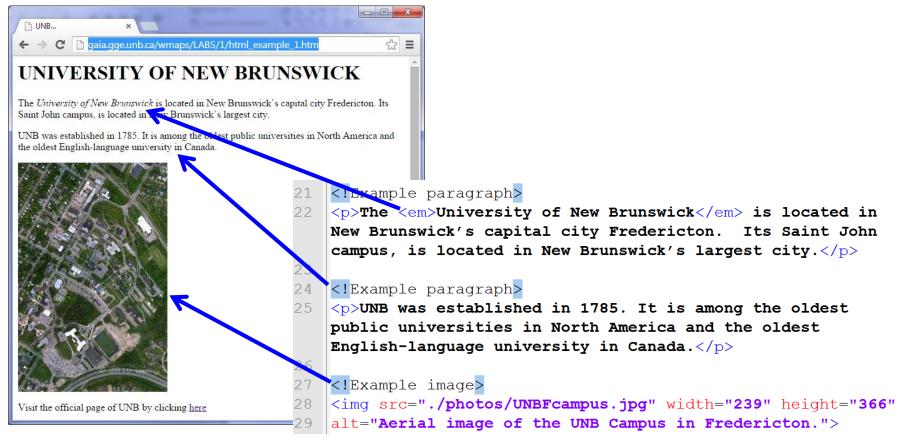


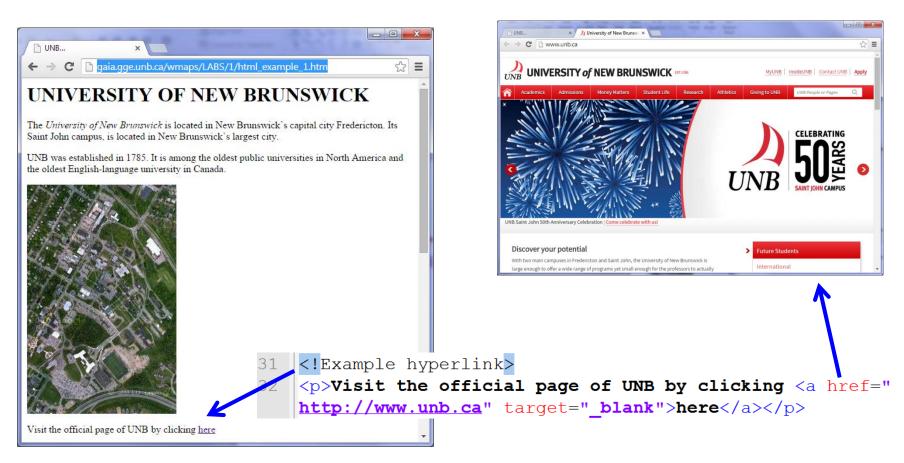


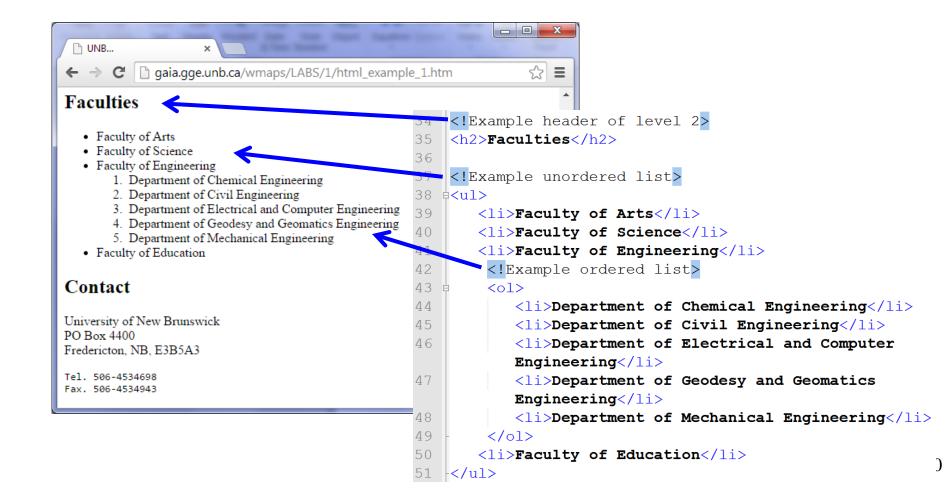
```
C:\Users\estef\Documents\GGE_ONLINE\Week 1\HTML\html_example_1.htm - Notepad++ [Administrator]
Eile Edit Search View Encoding Language Settings Macro Run Plugins Window ?
<!Example HTML document>
  2 □<html>
     <!HTML header section>
  5 d<head>
     <! HTML title shown on the top of the page>
     <title>UNB...</title>
    |</head>
 11
     <!HTML body section>
 13 |<body>
 14
     <!A reference tag at this point in page>
    <a name="top of page"></a>
 16
    <!Example header of level 1>
     <h1>UNIVERSITY OF NEW BRUNSWICK</h1>
 20
 21 <!Example paragraph>
 22 The <em>University of New Brunswick</em> is located in
     New Brunswick's capital city Fredericton. Its Saint John
      campus, is located in New Brunswick's largest city.
Hyper Text Markup Language file
                          length: 2294 lines: 84
                                                         Dos\Windows
```

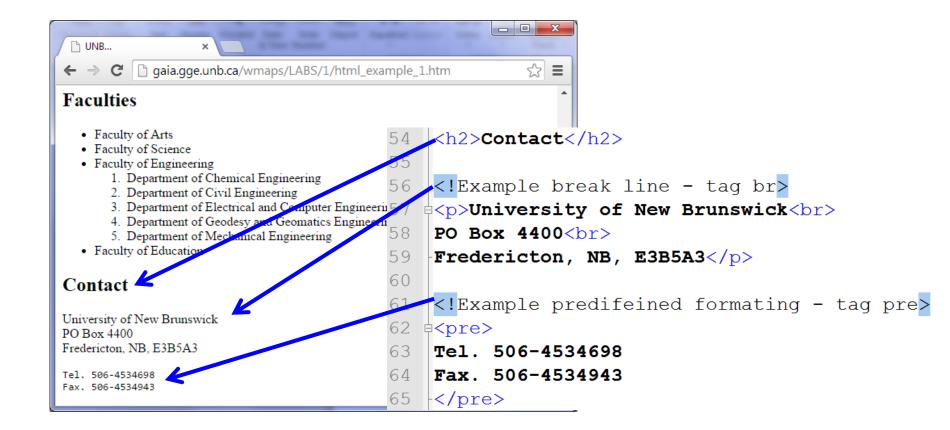


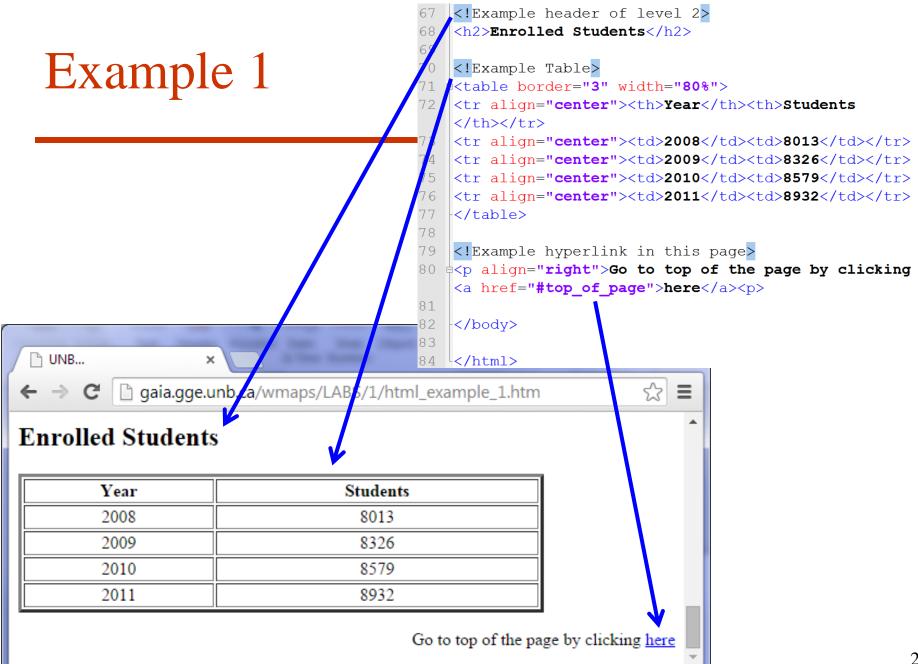


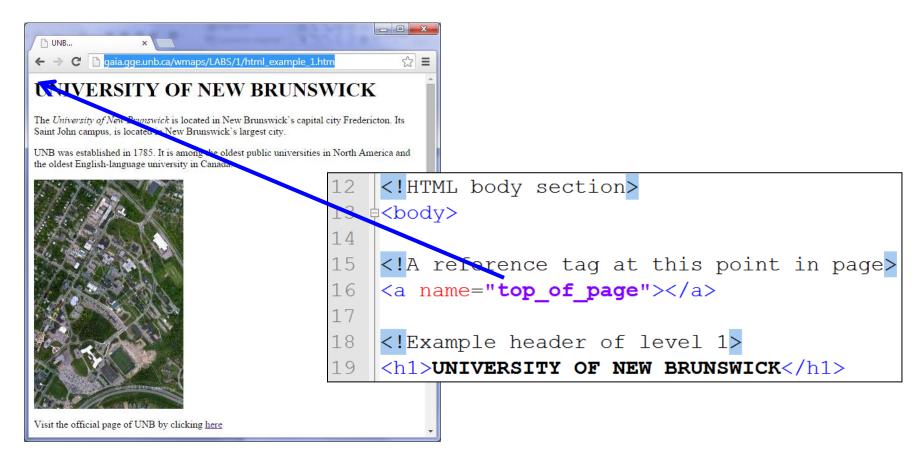






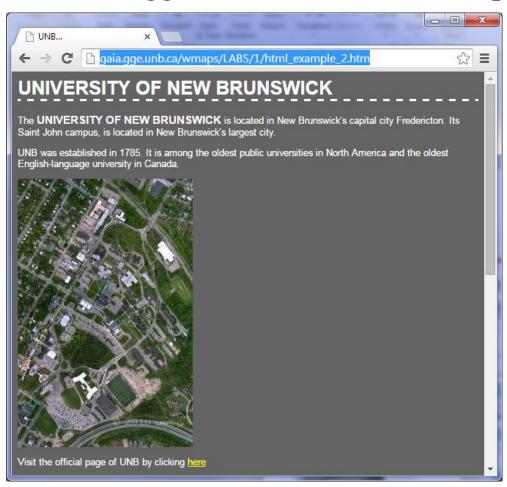


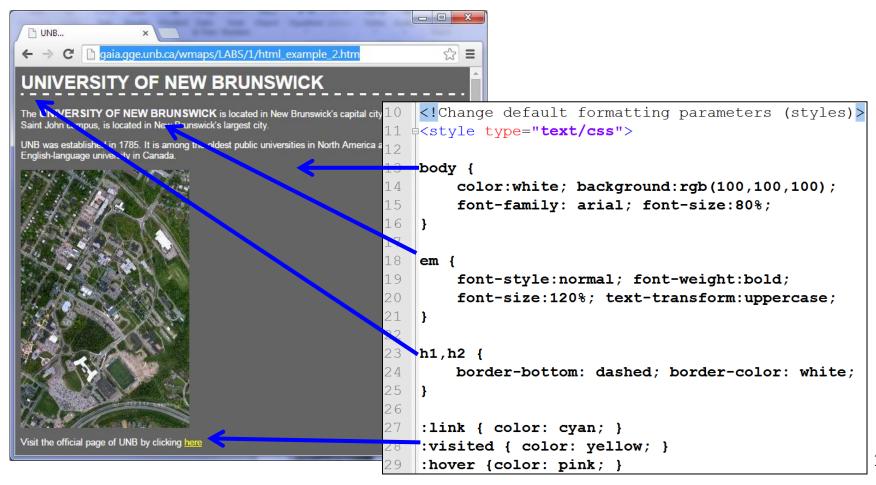




http://gaia.gge.unb.ca:8080/gge5403/labs/1/html_example_2.htm

You need to establish a VPN connection to UNB

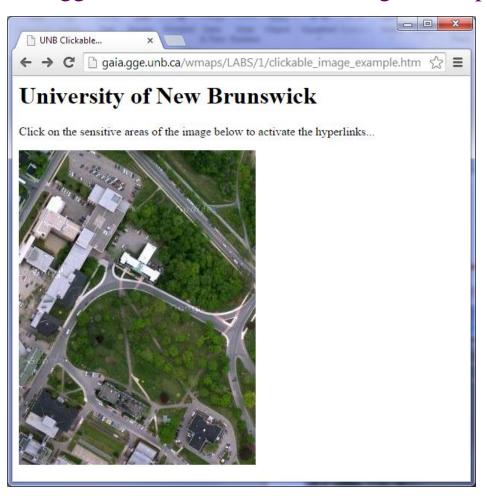


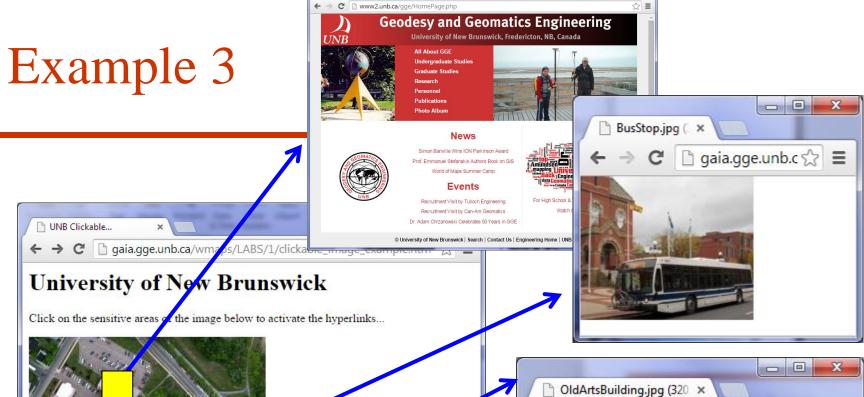


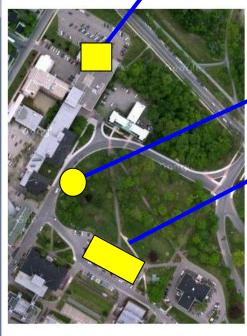
Example 3: Clickable areas on image

http://gaia.gge.unb.ca:8080/gge5403/labs/1/clickable_image_example.htm

You need to establish a VPN connection to UNB









```
C:\Users\estef\Documents\GGE_ONLINE\Week 1\HTML\clickable_image_example.htm - Notepad++ [Administrator]
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
 🗎 clickable_image_example.htm 🗵
      <!Example image with clickable areas>
   d<head>
      <title>UNB Clickable...</title>
     </head>
    6
      <h1>University of New Brunswick</h1>
  9
      Click on the sensitive areas of the image below to activate the hyperlinks...
 10
 11
      <!Import the satellite image and define a map on top of it>
      <img src="./photos/HeadHall sat.jpg" width="319"</pre>
 12
         height="424" usemap="#UNBMap">
 13
 14
      <!Geometric description of the sensitive areas and their hyperlinks>
 15
     16
      <area href="./photos/OldArtsBuilding.jpg" shape="polygon"</pre>
 17
         coords="113,315, 101,334, 164,372, 172,346">
 18
      <area href="http://gge.unb.ca" shape="rect"</pre>
 19
         coords="93,39, 135,94">
 20
      <area href="./photos/BusStop.jpg" shape="circle"</pre>
 2.1
 22
         coords="85,233, 10">
 23
      </map>
 2.4
 25
      </body>
 26
     </html>
Hyper Text Markup Language file
                                                           length: 760 lines: 27
                                                                        Ln:1 Col:1 Sel:010
                                                                                          Dos\Windows
                                                                                                  ANSI as UTF-8
```

