Mobile Web Application Course
Lab # 1
Getting Started with HTML, Mobile Browses, and BlackBerry Simulators

The objective of this lab is to review some of the basic HTML tags used for creating HTML pages and using different mobile browsers to display them.

Exercise 1: Creating HTML pages

Create a new page named **Lab1.html** (File → New File → HTML file (change filename)

- Open an HTML editing tool (i.e. MS Frontpage, or Adobe Dreamweaver)
- Create an HTML page with the basic tags (i.e. HTML, HEAD, TITLE, BODY)
- Create a table with the following properties:
    a. Columns: 2
    b. Rows: 4
    c. Cell padding: 3; cell spacing: 0
    d. Border size: 1
    e. Table alignment: center
    f. Merge the first row into one cell
    g. Table size: 300 pixels
    h. Font type: Arial, Font size: 12

- Add the text and change the background cell colors as follows:

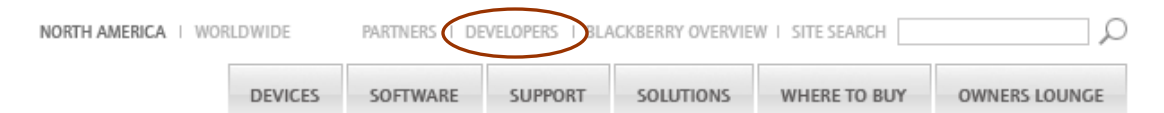| Welcome to Exercise 1, Lab 1	
First Name	*John*
Last Name	*Doe*
City	*Guelph*

- View the HTML page in a Web browser

Exercise 2: Mobile Browsing

To be able to view the HTML page created in Exercise 1, you must download a mobile device simulator that contains a mobile browser. For this lab, you can use any mobile browser from Research In Motion (RIM). You will also need a local Web server (i.e. Internet Information Services – IIS).

Mobile Device Simulators:

- Go to: http://www.blackberry.com
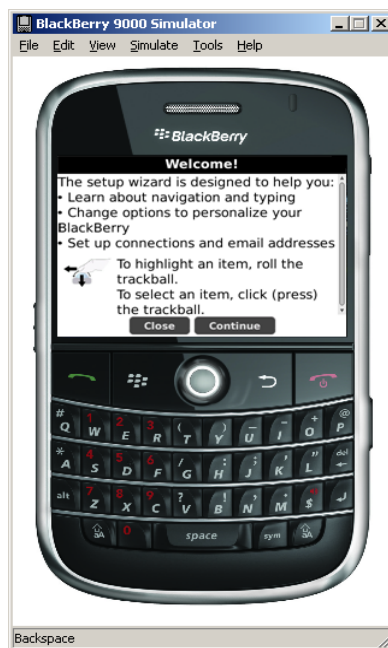- Click on Developers on the top menu

http://cmer.cis.uoguelph.ca

- Click on Resources on the left menu
- Click on BlackBerry Simulators
- Click on BlackBerry Device Simulators
- Download any BlackBerry simulator
  a. BlackBerry Device Simulators v4.6.0 (i.e. C:\RIM) or latest
- Decompress (unzip) the simulator into a folder (i.e. C:\RIM\\Sim4.6.0)

Local Web Server (i.e. IIS):

- Run your local Web server and verify that it is running
  a. i.e. go to: http://localhost
- Save/copy the file you created from Exercise 1 into the default localhost directory
  → C:\inetpub\wwwroot\Lab1.html
- Open your Web browser, and view the HTML page
  → http://localhost/Lab1.html

Running BlackBerry Simulators

- To run a BlackBerry simulator, go to the folder where you downloaded the simulator (i.e. C:\RIM\Sim4.6.0)
- Click on the corresponding batch file (i.e. 9000.bat for version 4.6.0 simulators).
- The following window should appear (this may vary depending on the simulator you have downloaded)

- Use keyboard arrows (right and left) to select the appropriate option. Select "close" and press the enter key, press enter again to select "OK", and press enter to select "No" two times

http://cmer.cis.uoguelph.ca

- Select the browser icon

- Type http://www.google.com (or any other address), you should get the following screen:

Question: Why does not the BlackBerry simulator display any Website?

- Download other BlackBerry simulator versions and familiarize yourself with these devices.
- Keep all your work from this lab for the next lab.