



## Problem 1

In this problem you will create a personal home page in HTML and publish it online using the free web hosting site <http://www.000webhost.com> . You should only use notepad++ to write the HTML code. After you publish your home page, include the link in your Moodle submission so we can visit it. (you have to first register with <http://www.000webhost.com> )

The main.html should have the structure as in the skeleton below. We are providing you with a skeleton that illustrate the minimum requirements. However, you can use your styling imagination and creativity to make the page more appealing. Feel free to choose the appropriate fonts, colors, sizes, background, and other elements/properties deemed necessary to make your page more user friendly. The more appealing your pages the higher the grade you might get.



## Homework I

(Your name)

My Personal Photo
My Favorite photo of AUB (an AUB Site)
Any other image that you like

Welcome to my **Homework I** page I'm a student in the "your department" department. I am currently taking the web programming and design because of ...

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My other favorite courses are:

- Programming I and II
- Networking
- Databases
- Operating System
- Parallel Programming



You can Use tables with no borders to create this structure or you can you floating and positioning. It is up to use and HTML element or CSS property you as long as you try to match as much as possible the desired skeleton. You have to use 3 images as stated above. The page should be a personal page and not necessarily about the course. The page's bottom right corner has links to the **W3C validators**. These images should remain fixed in the page's bottom-right corner.

The title of the page should be a centered header and the images on the right should be aligned to the right. The AUB logo on the top is a link to the AUB web site. The main page link on the left will return you to the main page. Learn about other attributes for the HTML elements we took in class to help you make the page as in the image above.

### Problems page:

The problems page will have the same structure as the main page. Add a link to problem1 to the list of problems. This is how it should look like:



## Homework I

(Your name)

**CMPS 278**  
**Web Programming**  
**and Design**  
Spring 2016/2017

My Personal Photo
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### Problems:

- [Problem 1](#)
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If problem 2 is clicked, then the output should be similar to the skeleton below.



## Homework I

(Your name)

**CMPS 278**  
**Web Programming**  
**and Design**  
Spring 2016/2017

My Personal Photo
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### Problems-problem 2:



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**Schedule page:**

Create a schedule.html file that have the same structure as the previous page. The page should contain your class schedule for this semester in a table. The timeslot between 2-5pm should be divided depending on your schedule. This is the minimum how schedule table should look like but you can change/improve it to make it more user friendly.

Days	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-5:00	5:00-8:00
Monday				CMPS 278				
Tuesday								
Wednesday				CMPS 278				CMPS 278
Thursday								
Friday				CMPS 278				

**Homework I***(Your name)*

**CMPS 278**  
**Web Programming and Design**  
 Spring 2016/2017

My Personal Photo

My Favorite photo of AUB (an AUB Site)

Any other image that you like

**Schedule:**

Days	8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-5:00	5:00-8:00
Monday				CMPS 278				
Tuesday								
Wednesday				CMPS 278				CMPS 278
Thursday								
Friday				CMPS 278				

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**Feedback form:**

Create feedback.html page that have the same structure as the other pages and contains a form exactly like the form below. The dropdown menu options should be (Amazing, Very Good, Good, Okay, Awful). Below is an image of the form:




## Homework I

(Your name)

**CMPS 278**  
**Web Programming**  
**and Design**  
Spring 2016/2017

My Personal Photo
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Any other image that you like



### Feedback Form

Please fill out this form to help us improve our site.

Name:

Comments:

E-mail Address:

#### Things you liked:

Site design ☐ Links ☐ Ease of use ☐ Images ☐ Source code ☐

#### How did you get to our site?:

Search engine ☒ Links from another site ☐ Dentel.com Web site ☐ Reference in a book ☐ Other ☐

Rate our site: Amazing ☐

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We strongly recommend that you use the **Firebug** add-on for Firefox to inspect elements and find problems with the box model and your styles.

For full credit, your page must use **valid HTML5** and successfully pass the W3C HTML5 validator.

Express all stylistic information on the page using **p1.css**. For full credit, your style sheet must successfully pass the W3C CSS validator. Part of your grade comes from expressing your CSS concisely and without unnecessary or **redundant** styles.

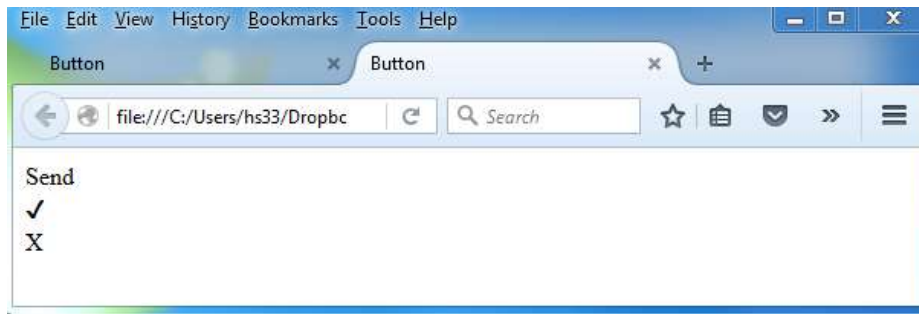
### **Problem 2:**

Try to solve this one as independent problem before integrating it with problem 1 as illustrated above.

You are provided with the following p2.html file without the p2.css:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Button</title>
    <link rel='stylesheet' type='text/css' href='p2.css' />
  </head>
  <body>
    <div>
      <div><span>Send</span></div>
      <div>&#10004;</div>
      <div>X</div>
    </div>
  </body>
</html>
```

Its output after being rendered is:



Write the p1.css that changes the output to:



You cannot add any HTML element to the above code. You can just add id and class attributes if needed in your solution.

Some guidelines and hints are provided below but use your best judgement to make your solution matches the above output:

- The main division dimension is 320px X 70px with centered with yellow background and 5px padding. All its children are centered.
- The dimension of the blue division is 90px X 60px with lightblue background, blue text and border color, verdana font family, 1.5em font size, 5px offset grey shadow. The border is 4px and the element right margin is 15px.
- The dimension of the green division is 60px X 55px with lightgreen background, green text and border color, 2em font size, 5px offset grey shadow. The border is 4px and the element right margin is 15px
- The dimension of the red division is 60px X 60px with white background, red text and border color, 2.5em font size, 5px offset grey shadow. The border is 4px and the element right margin is 15px

### Problem 3

Write the CSS necessary to recreate the following appearance.



Most of the HTML code is given to you; the code given may not be modified (the provided file name is "css Zen Garden The Beauty in CSS Design".html). The only change you may make to the provided HTML code is that you may add any number of **div** and **span** elements, possibly with **id** and/or **class** attributes, as targets for CSS styling. Write **valid HTML and CSS code** that would pass the W3C validators. Assume that the HTML text shown would appear inside the **body** of the page.

- The **overall page** has a background of `zen.jpg`. The content is shifted right by 110px to avoid covering the background. Text on the page uses a 9pt font named "Georgia" or any sans-serif font available on the system.
- All **headings** on the page use the color #7d775c. The page's top **heading** is centered and underlined.
- The **overall main content** on the page is at most 50em in width, including all columns.
- The "A demonstration of..." paragraph appears in its own hovering column, 10em wide, with 1em separating it from any neighboring content. Its text is in italic.
- The "Select a Design" list of designs appears to the right of the other content, 9em wide, with a background color of #ddddbb. Its heading is centered and underlined. The list items do not have bullets. There is 1em between each list item and any neighboring list items, and 1em between items and the edge of the background color.

### Submission

You will submit via Moodle a compressed file called **cmps-278.hw1.USER-ID**, where USER-ID is your user-id. The compressed file is an archive of a directory called cmps-278.hw1.USER-ID that contains two subfolders problem1 and problem2. Put in these folders both `.html` files and your `.css` style sheets for your solution along with the provided images. In addition provide a readme file that contains the link (webhost link) and your main html file to start with.