## **Creating a Basic Web Page**

For this question, you will be creating a basic web page that describes an interest of yours such as an activity, sports team, music band, or favorite movie.

## **Getting started**

Pick an interest of yours that you can write 3-5 sentences about, such as an activity, sports team, or favorite movie.



Do This

From the File Manager, select the "New File" icon (upper-left side of screen).

Name your new file "topic.html" (the .html part is important – that is what makes it a web page) and create it in "/public\_html" (that is what makes it publicly viewable on the web), then select the "Create New File" button.

×	New File
Create a New File	
New File Name:	
topic.html	
(ex: file.txt, file.html, file.php)	
New file will be created in:	
//public_html	
	Create New File

The "topic.html" file will now appear in your File Manager window.

Click on the "topic.html" file in the list to select it, then select the "Edit" icon.

File Ma	nager	Settings	1								S	earch (	All Your
New File	New Folder	Сору	Move File	Upload	Download	X Delete	A B Rename	Edit	Code Editor	HTML HTML Editor	Change Permissi	Q View	Extra
(public)	_html				Go	🕥 Home	👔 Up One	Level 🗇 B	Back 📫 I	Forward 🍯	Reload 🔽	Select all	🔲 Un
-							Name				Size	Last N	Aodified (
<b>†</b> ≡ Collap	se all						index.html				305 bytes	Apr 9,	2014 1:4
ė- 🗁 🏠	(/home/	/csc101)					topio html				0 budoo	Toda	. 19:90 B
🚞	etc						topic.numi				0 bytes	Today	12:39 P
÷. 🚞 (	mail												
	🐽 public	_ftp											
🛅	gubli	c_html											

If the following window appears when you select "Edit" for the first time, select the "Disable Encoding Check" button.

× Text Editor
Text Editor
Back up the original file before converting character sets, since this action can produce unexpected results.
You will be editing: /public_html/topic.html
If encodings are not important to you because you will only be working with English or other Western languages, you can disable this dialog by clicking here: Disable Encoding Check Please select the character encoding to use when opening this file: utf-8
Toggle Help
Edit Cancel

This will bring up a blank page that you can start typing your HTML tags into (as demonstrated in the next section).

If the following window appears, click "Ok".

×	Character Encoding Verification Disabled
We will attem you. If you n Settings' opti	npt to automatically detect character encodings and will no longer verify them with eed to change this setting in the future, use the 'Settings' link or the 'Reset Interface ion on the main screen.
	Ok Cancel

You are now ready to create your web page!

## Tags, Head and Body

An HTML web page is made up of tags. Tags are what direct the Internet browser to load on the web page, such as which image should appear or how the text should look in regards to font, size, and color.

Tags are put in angle brackets < >. For example, to make text bold, one would use the bold tag, which is <b> to start the bold text and </b> to close or end the bold text. The first tag of every web page is </html> and the last tag of every web page is </html>.

An HTML web page consists of **1 head and 1 body**. The metadata, or information one is not suppose to see on the web page, goes in the head. All of the data and information you want a viewer to see, such as text, images, tables, etc. goes in the body.

#### Basics to building a website example:

<html></html>		Start with <html> tag</html>	
<head> Metadata goes here </head> <body></body>	•	There is only 1 head in every Between <head> and goes here.</head>	web page. d> metadata
EVERYTHING that should be displayed on a		There is only 1 body in every Between <body> and<body> that displays on a webpage.</body></body>	webpage.
 		End with  tag	

Type the following tags in your blank "topic.html" page using the File Manger's editor. It will look as follows.

Editing: /home/csc101/public_html/topic.html	Encoding:	utf-8	\$ Re-open	o Use code editor.	Close	Save Changes
<html> <head></head></html>						
 <body></body>						

## Adding a Title

The title is the text that appears in an Internet browser tab. For example:

8	Google	× CNN.com - Breaking New × 🔞 University of Rhode Island	1
←	⇒C	🗅 ww2.uri.edu	

The title always goes in the head since it is not information that appears on the web page.



Your web page should look as follows. Be sure to frequently save your changes!

Editing: /home/csc101/public_html/to	pic.html Encoding:	utf-8	Re-open	o Use code editor.	Close	Save Changes
<html> <head> <title> My Web Page </title></head> <body></body></html>	Le>					

## Headings, Centering, Page Breaks, and Adding Text

Heading tags are used to format titles on your web page. The following is a list of heading tags and what they look like when used:

# <h1>Heading</h1>

<h2>Heading</h2>

<h3>Heading</h3>

After the <body> tag type the following:

<h1>Title on Web Page </h1> where "Title on Web Page" is the name of your topic, such as "Boston Red Sox's" or "Dancing"

Do This

Next you are going to center the title so it is in the middle of the web page. Type <center> before <h1> and </center> after </h1>.

Your web page should look like the following:

```
      <hody>

      <t
```

Pressing "Enter" does not add spaces in your web page once it loads in an Internet browser. To add new lines or spaces between lines, one must use the page break tag, which is <br><br><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr><tabr</table></tabr>

Example:

HTML Tags	What It Looks Like	Results
This is line one.	This is line one.	1 puts text on the next line
	This is line two.	
This is line two.		
This is line one.	This is line one.	2 tags add 1 space in between the
		lines of text.
This is line two.	This is line two.	
This is line one.	This is line one.	There are 4 spaces between the lines of
		text.
This is line two.		
	This is line two.	



Type <br><br>after the </center> tag. Then type 3-5 sentences about the topic of your choice. At the end of your paragraph include two <br> tags. Your page should look as follows:

Editing: /home/csc101/public_html/topic.html	Encoding:	utf-8	Re-open	🔤 Use code editor.	Close	Save Changes
<html></html>						
<head> <title> My Web Page </title> </head>						
<body> <center><h1> University of Rhode Is The University of Rhode Island, whi established in 1892 and the motto i colors are blue and white. URI is a </h1></center></body>	land ch is al s "Think great s	l> so known as URI, i Big. We Do." URI' chool with many op	s located i s mascot is portunities	n Kingston, Rl R <u>hody</u> the Ran	I. It n and	was the school

## **Formatting Fonts**

Following are some example formatting tags:

Style	Tags	Example								
Bold	<b> </b>	<b> This text is bold</b>								
Underline	<u> </u>	<u> <u>This text is underline</u></u>								
Italics	<i> </i>	<i> This text is italics </i>								
Colored font	<font color="red"> </font>	<font color="red"> This text is red </font>								
Note: Copying	Note: Copying and pasting quotation marks from this document will place strange symbols in your rendered									
<mark>html code. You</mark>	should manually type any tags that use	quotation marks (i.e. font tags, image tags, etc.)								

One can add multiple formatting tags around the same set of text. For example:

<b><i> This text is bold and italics </i></b>

<u><font color="blue"> This text is underlined and blue </font></u>

This is what a formatting tag looks like in the middle of a paragraph:

In this sentence, the word <b>bold</b> is bolded.

In the paragraph you added in your body, add at least one example of each of the four formatting tags described in the table above.

## **Inserting an Image**

Download an image relevant to your topic. Save the image to your Desktop and change the name to "topic1.jpg"



In the main File Manager window, upload "topic1.jpg" by selecting the "Upload" icon.

File Mar	nager	Settings	5								Search	All You	r Files	for
New File	New Folder	Сору	Move File	Upload	Download	) Delete	A B Rename	Edit	Code Editor	HTML HTML Editor	Change Permissi	View	Extract	Compress
(*) public	_html				Go	🕥 Home	😰 Up One l	.evel 🗢	Back 📫 F	orward 🍯	Reload 🔽	Select all	Unsele	ct all

Then, browse to your Desktop and select the image. Once the image completes uploading, use the "Back to /home/...../public\_html".

🕇 Uploa	d file	S				
Maximum file size allowed for upload: 94.48 MB						
Please select files to upload to /home/csc101/public_html Choose File No file chosen						
Overwrite	existin	g files:				
Mode	User	Group	World			
Read Write	<ul> <li>✓</li> </ul>					
Execute						
Permissio	n 6	4	4			

Use the following tag to insert an image on your web page:

<img src ="filename.jpg">, where filename.jpg is the name of the image.

#### Important note:

The filename part of the tag must **EXACTLY** match the actual name of the file.

### Examples:

Filename	HTML Tag
image.jpg	<img src="image.jpg"/>
Picture1.jpeg	<img src="Picture1.jpeg"/>

GrApHiC.jpg	<img src="GrApHiC.jpg"/>
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After the paragraph of text and two <br> tags, insert your image. Ensure the spelling of the filename exactly matches the file that you saved to your Desktop and uploaded to your public\_html folder.

Do Th

Save the changes to your file. Your topic.html file should now look similar to the following:

```
Editing: /home/csc101/public_html/topic.html
                                     Encoding: utf-8
                                                                             Use code editor.
                                                                                            Close Save Changes
                                                                 Re-open
<html>
<head>
<title> My Web Page </title>
</head>
<body>
<center><h1> University of Rhode Island </h1></center>
<br><br>>
The <b><font color="blue">University of Rhode Island</font></b>, which is also known as URI, is
located in Kingston, RI. It was established in 1892 and the motto is "<i>Think Big. We Do.</i>" URI's
mascot is <u>Rhody the Ram</u> and the school colors are blue and white. URI is a great school with
many opportunities.
<br><br>>
<img src="topic1.jpg">
</body>
</html>
```

### View your Web Page

To view your web page in a browser window, type your domain name and the filename that you just created in the address bar. Your URL should be similar to **domainname/topic.html** 

Recall that your domain name was determined in an earlier step. Refer back to the Accessing cPanel Tutorial if you are unsure what your domain name is.

Example: If my domain name is csc101.vps.cs.uri.edu then the URL to view my web page would be csc101.vps.cs.uri.edu/topic.html