



HTML5 Specialist Designation Program

Lab Exercise #6

We'll be practicing creating hyperlinks in this lab exercise.

Lab Instructions

- 1) Run your Brackets development environment.
- 2) With Brackets running, choose File → New to open a new document. You should see the cursor flashing on the first line.
- 3) Immediately save your document using File → Save from the drop-down menus. Navigate to a folder where you'd like to save your lab exercise. Save your lab under the file name **lab_6.html**.

Saving your lab at this point will allow you to take advantage of the syntax highlighting features available in brackets.

- 4) First you will need to key in the basic document structure. Be careful to key in the HTML5 code below exactly as it appears.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Lab #5</title>
  </head>
  <body>

  </body>
</html>
```

We're using **Lab #6** as the content for the title tag in this case.

- 5) Using what you've learned about forms, you're going to recreate the form following this step. Choose the best possible form control for each individual data point. Insure that form element limits the range of input to the degree possible to limit the amount of errant data entered. Make the form as usable and as easy to fill out as possible. Note: You don't need to emulate the layout of the sample form—Just obtain the same data from the user.

PATIENT NAME _____ Birth Date _____

Although dental personnel primarily treat the area in and around your mouth, your mouth is a part of your entire body. Health problems that you may have, or medication that you may be taking, could have an important interrelationship with the dentistry you will receive. Thank you for answering the following questions.

Are you under a physician's care now? ☐ Yes ☐ No If yes, please explain: _____

Have you ever been hospitalized or had a major operation? ☐ Yes ☐ No If yes, please explain: _____

Have you ever had a serious head or neck injury? ☐ Yes ☐ No If yes, please explain: _____

Are you taking any medications, pills, or drugs? ☐ Yes ☐ No If yes, please explain: _____

Do you take, or have you taken, Phen-Fen or Redux? ☐ Yes ☐ No _____

Have you ever taken Fosamax, Boniva, Actonel or any other medications containing bisphosphonates? ☐ Yes ☐ No _____

Are you on a special diet? ☐ Yes ☐ No

Do you use tobacco? ☐ Yes ☐ No

Do you use controlled substances? ☐ Yes ☐ No

Women: Are you
 Pregnant/Trying to get pregnant? ☐ Yes ☐ No Taking oral contraceptives? ☐ Yes ☐ No Nursing? ☐ Yes ☐ No

Are you allergic to any of the following?
☐ Aspirin ☐ Penicillin ☐ Codeine ☐ Local Anesthetics ☐ Acrylic ☐ Metal ☐ Latex ☐ Sulfa drugs
☐ Other If yes, please explain: _____

Do you have, or have you had, any of the following?

AIDS/HIV Positive <input type="radio"/> Yes <input type="radio"/> No	Cortisone Medicine <input type="radio"/> Yes <input type="radio"/> No	Hemophilia <input type="radio"/> Yes <input type="radio"/> No	Radiation Treatments <input type="radio"/> Yes <input type="radio"/> No
Alzheimer's Disease <input type="radio"/> Yes <input type="radio"/> No	Diabetes <input type="radio"/> Yes <input type="radio"/> No	Hepatitis A <input type="radio"/> Yes <input type="radio"/> No	Recent Weight Loss <input type="radio"/> Yes <input type="radio"/> No
Anaphylaxis <input type="radio"/> Yes <input type="radio"/> No	Drug Addiction <input type="radio"/> Yes <input type="radio"/> No	Hepatitis B or C <input type="radio"/> Yes <input type="radio"/> No	Renal Dialysis <input type="radio"/> Yes <input type="radio"/> No
Anemia <input type="radio"/> Yes <input type="radio"/> No	Easily Winded <input type="radio"/> Yes <input type="radio"/> No	Herpes <input type="radio"/> Yes <input type="radio"/> No	Rheumatic Fever <input type="radio"/> Yes <input type="radio"/> No
Angina <input type="radio"/> Yes <input type="radio"/> No	Emphysema <input type="radio"/> Yes <input type="radio"/> No	High Blood Pressure <input type="radio"/> Yes <input type="radio"/> No	Rheumatism <input type="radio"/> Yes <input type="radio"/> No
Arthritis/Gout <input type="radio"/> Yes <input type="radio"/> No	Epilepsy or Seizures <input type="radio"/> Yes <input type="radio"/> No	High Cholesterol <input type="radio"/> Yes <input type="radio"/> No	Scarlet Fever <input type="radio"/> Yes <input type="radio"/> No
Artificial Heart Valve <input type="radio"/> Yes <input type="radio"/> No	Excessive Bleeding <input type="radio"/> Yes <input type="radio"/> No	Hives or Rash <input type="radio"/> Yes <input type="radio"/> No	Shingles <input type="radio"/> Yes <input type="radio"/> No
Artificial Joint <input type="radio"/> Yes <input type="radio"/> No	Excessive Thirst <input type="radio"/> Yes <input type="radio"/> No	Hypoglycemia <input type="radio"/> Yes <input type="radio"/> No	Sickle Cell Disease <input type="radio"/> Yes <input type="radio"/> No
Asthma <input type="radio"/> Yes <input type="radio"/> No	Fainting Spells/Dizziness <input type="radio"/> Yes <input type="radio"/> No	Irregular Heartbeat <input type="radio"/> Yes <input type="radio"/> No	Sinus Trouble <input type="radio"/> Yes <input type="radio"/> No
Blood Disease <input type="radio"/> Yes <input type="radio"/> No	Frequent Cough <input type="radio"/> Yes <input type="radio"/> No	Kidney Problems <input type="radio"/> Yes <input type="radio"/> No	Spina Bifida <input type="radio"/> Yes <input type="radio"/> No
Blood Transfusion <input type="radio"/> Yes <input type="radio"/> No	Frequent Diarrhea <input type="radio"/> Yes <input type="radio"/> No	Leukemia <input type="radio"/> Yes <input type="radio"/> No	Stomach/Intestinal Disease <input type="radio"/> Yes <input type="radio"/> No
Breathing Problem <input type="radio"/> Yes <input type="radio"/> No	Frequent Headaches <input type="radio"/> Yes <input type="radio"/> No	Liver Disease <input type="radio"/> Yes <input type="radio"/> No	Stroke <input type="radio"/> Yes <input type="radio"/> No
Bruise Easily <input type="radio"/> Yes <input type="radio"/> No	Genital Herpes <input type="radio"/> Yes <input type="radio"/> No	Low Blood Pressure <input type="radio"/> Yes <input type="radio"/> No	Swelling of Limbs <input type="radio"/> Yes <input type="radio"/> No
Cancer <input type="radio"/> Yes <input type="radio"/> No	Glaucoma <input type="radio"/> Yes <input type="radio"/> No	Lung Disease <input type="radio"/> Yes <input type="radio"/> No	Thyroid Disease <input type="radio"/> Yes <input type="radio"/> No
Chemotherapy <input type="radio"/> Yes <input type="radio"/> No	Hay Fever <input type="radio"/> Yes <input type="radio"/> No	Mitral Valve Prolapse <input type="radio"/> Yes <input type="radio"/> No	Tonsillitis <input type="radio"/> Yes <input type="radio"/> No
Chest Pains <input type="radio"/> Yes <input type="radio"/> No	Heart Attack/Failure <input type="radio"/> Yes <input type="radio"/> No	Osteoporosis <input type="radio"/> Yes <input type="radio"/> No	Tuberculosis <input type="radio"/> Yes <input type="radio"/> No
Cold Sores/Fever Blisters <input type="radio"/> Yes <input type="radio"/> No	Heart Murmur <input type="radio"/> Yes <input type="radio"/> No	Pain in Jaw Joints <input type="radio"/> Yes <input type="radio"/> No	Tumors or Growths <input type="radio"/> Yes <input type="radio"/> No
Congenital Heart Disorder <input type="radio"/> Yes <input type="radio"/> No	Heart Pacemaker <input type="radio"/> Yes <input type="radio"/> No	Parathyroid Disease <input type="radio"/> Yes <input type="radio"/> No	Ulcers <input type="radio"/> Yes <input type="radio"/> No
Convulsions <input type="radio"/> Yes <input type="radio"/> No	Heart Trouble/Disease <input type="radio"/> Yes <input type="radio"/> No	Psychiatric Care <input type="radio"/> Yes <input type="radio"/> No	Venereal Disease <input type="radio"/> Yes <input type="radio"/> No
			Yellow Jaundice <input type="radio"/> Yes <input type="radio"/> No

Have you ever had any serious illness not listed above? ☐ Yes ☐ No _____

Comments: _____

To the best of my knowledge, the questions on this form have been accurately answered. I understand that providing incorrect information can be dangerous to my (or patient's) health. It is my responsibility to inform the dental office of any changes in medical status.

SIGNATURE OF PATIENT, PARENT, or GUARDIAN _____ DATE _____

6) Once you've completed the form test it thoroughly in your web browser. Make sure that each radio button works independently.

Click the Download link towards the top of the page.

7) Visit the web site www.jquerymobile.com. We're going to install the jQuery Mobile library to optimize the display of this document for mobile devices.



8) Locate the copy and paste snippet and past the following lines in to the head section of your HTML5:

```
<link rel="stylesheet"
href="http://code.jquery.com/mobile/1.4.5/
jquery.mobile-1.4.5.min.css" />
<script
src="http://code.jquery.com/jquery-
1.11.1.min.js"></script>
<script
src="http://code.jquery.com/mobile/1.4.5/j
query.mobile-1.4.5.min.js"></script>
```

9) Save your document and test in your browser again. If using Chrome put your browser in mobile emulation mode by clicking More Tools → Developer Tools from the menu button on the right side of the browser. Once the developer tools are open, click on the toggle to turn on device mode. Examine how your form looks in a mobile device with the jQuery Mobile styling your elements.

Challenge Yourself

Enhance your skills by attempting the exercises below.

1) Review the previous lab (lab #4). Gather the images and descriptions and place them in a table instead of in a gallery format. Look for creative or interesting ways to display your images using a table.

2) Put your pages on the web. We've arranged a special deal with Blue Host. Visit <http://www.bluehost.com/track/learntoprogram/> and click "Get Stated Now." You will be able to access web hosting plans as low as \$3.49 a month. Once Blue Host takes you through the process of creating your domain and web server upload your lab and post the URL for the others in the class to see.