

Scripting and Computer Environments

Assignment 4

Deadline : 24th October 2013 9PM

Directions:

- This assignment has 5 questions. Create 5 files 1.html,2.html,3.html,4.html and 5.html
- The CSS files must be 1.css 2.css etc.
- Make sure you validate all HTML and CSS.
- All Html files must contain a *title* ,which is the corresponding question number
- Use of external style sheets is highly recommended. Use of inline styling will not fetch you full marks.
- Place all your files in Folder : RollNumber_Assignment4 and upload the same as RollNumber_Assignment4.tar.gz

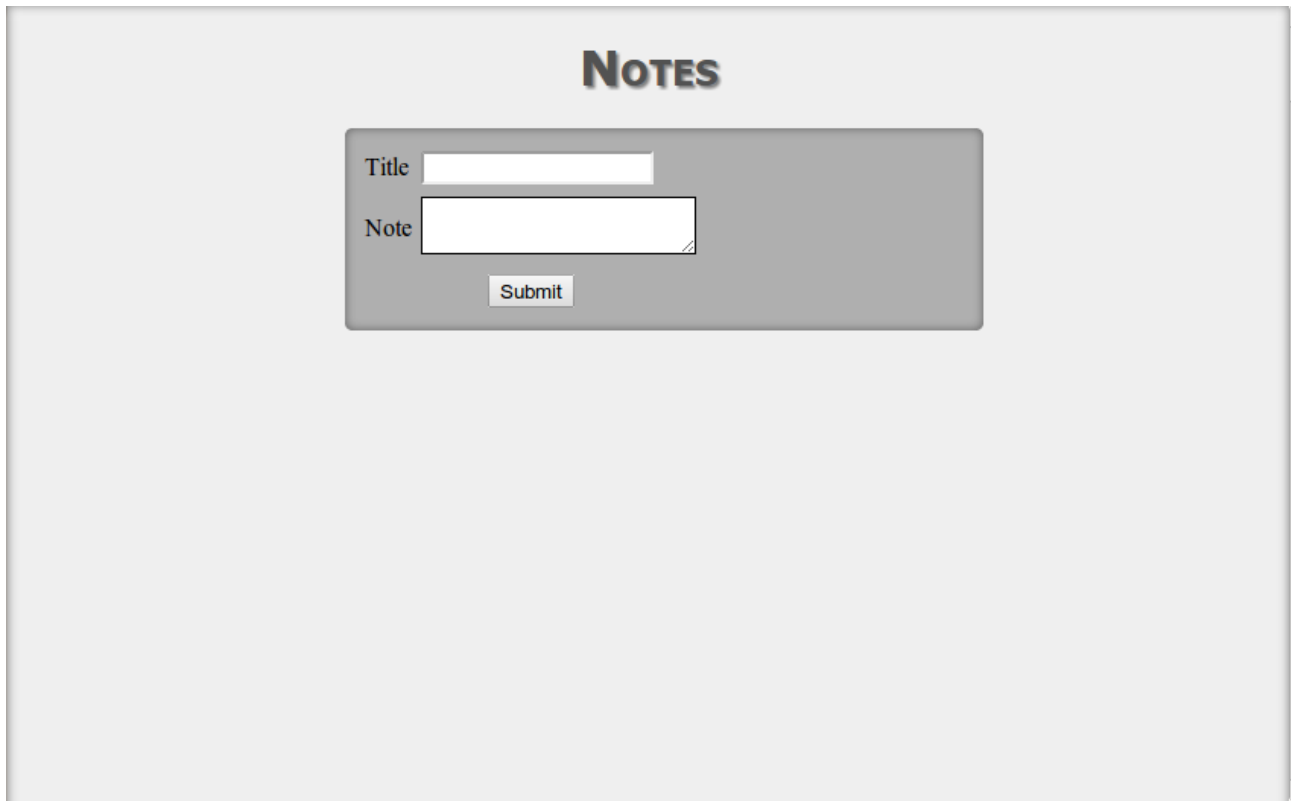
Question 1 :

Using HTML 5, Design a page that looks like this : (Use of canvas is mandatory)



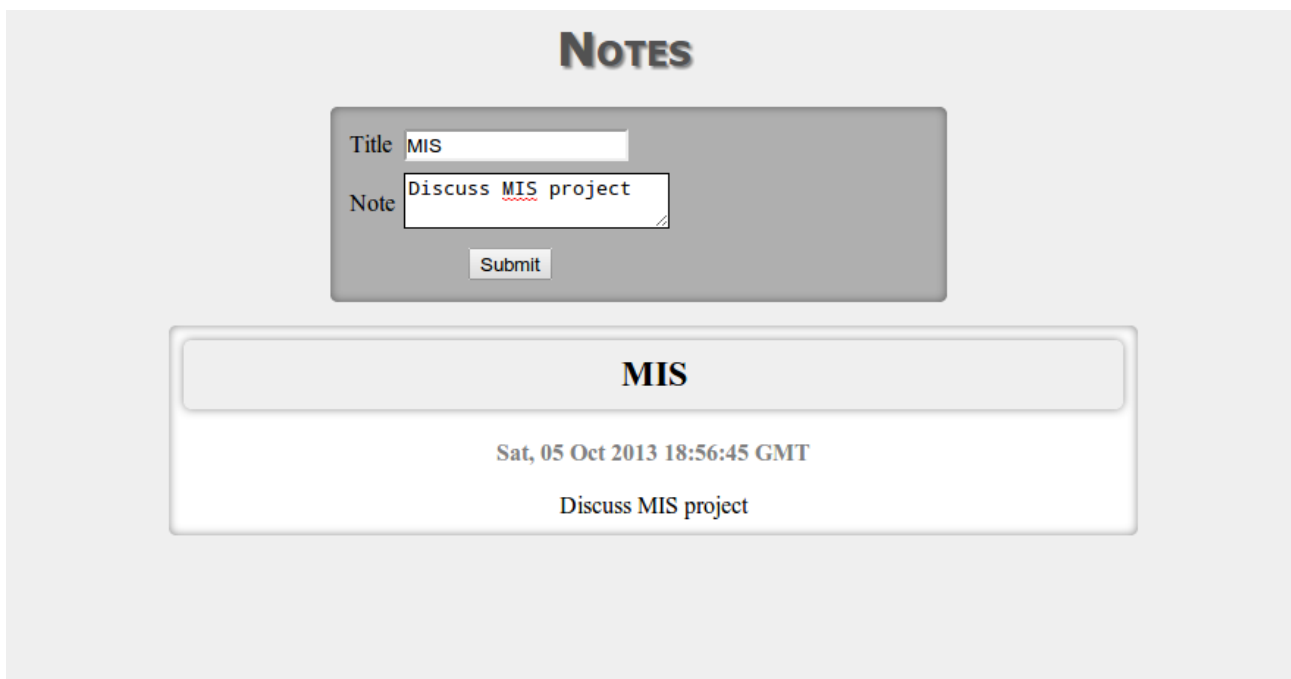
Question 2:

Design a Note taking application. An example of it would be as below:



The screenshot shows a web application titled "NOTES" in a bold, dark font. Below the title is a gray rectangular form containing two input fields: "Title" and "Note". The "Note" field is a larger text area with a small diagonal icon in the bottom right corner. A "Submit" button is located at the bottom of the form.

Upon filling the field above and clicking on the submit button the screen should look as follows:-



The screenshot shows the same "NOTES" application after a submission. The "Title" field now contains the text "MIS" and the "Note" field contains "Discuss MIS project". Below the form, there is a new section with a header "MIS" and a timestamp "Sat, 05 Oct 2013 18:56:45 GMT". The note content "Discuss MIS project" is displayed below the timestamp.

Note: A timestamp has been added automatically (even though it wasn't specified in the input)

Any newer notes should come above the older ones. Eg.

NOTES

Title

Note

Cloud Project

Sat, 05 Oct 2013 18:57:28 GMT

Read up on cassandra and elastic search

MIS

Sat, 05 Oct 2013 18:56:45 GMT

Discuss MIS project

Feel free to tinker around with the look and feel of the application.

Question 3

Create a HTML5 form containing the following fields and perform Validations using Java script:

1. Name - Text Box
2. Date Of Birth - There should be 3 dropdown for Month, Date, and Year. Format of date is MM/DD/YYYY.
3. Password - Length should be greater than or equal to 8 alphanumeric characters. It should compulsory have one Numeric and one special character
4. Confirm Password - Should match Password specified above.
5. Sports - Should be a DropDown with the following list
 - a. Cricket
 - b. Football
 - c. Tennis

6. Stadium - Should be a dropdown that is populated based on the Sport selected above.

For a. Cricket

1. Wankhede.

2. Feroz Shah kotla.

3. Eden Gardern

b. Football

1. Old Trafford

2. San Siro

3. camp nou

c.

1. Arthur Stadium

2. Rod Laver Arena

3. Perth Arena

7. Display a Rectangle which will show the images of all Stadiums for the sport selected in sports dropdown.

The images for each of the Stadiums are provided to you.

There will be two buttons below the rectangle to navigate "Previous" and "Next" among the 3 images for that particular sports category.

(Here we are trying to create a Simple Image Browsing Gallery)

Eg: If Cricket is selected, display the images of Wankhede ,Feroz shah Kotla and Eden Gardern stadiums which will move backward or forward based on the "Previous" and "Next" buttons

8. Submit Button - On click, perform validations. Give error messages in case of validation error. If the form is correct, give an alert "Your form has been submitted!!".

Validations:

1. Name, DOB, Password, Confirm Password Compulsory Field.

2. If any compulsory field is left blank , provide an error message "Missing Field" just below that box in red.

3. If Format is not correct for password (eg length < 8) then highlight password box in red.

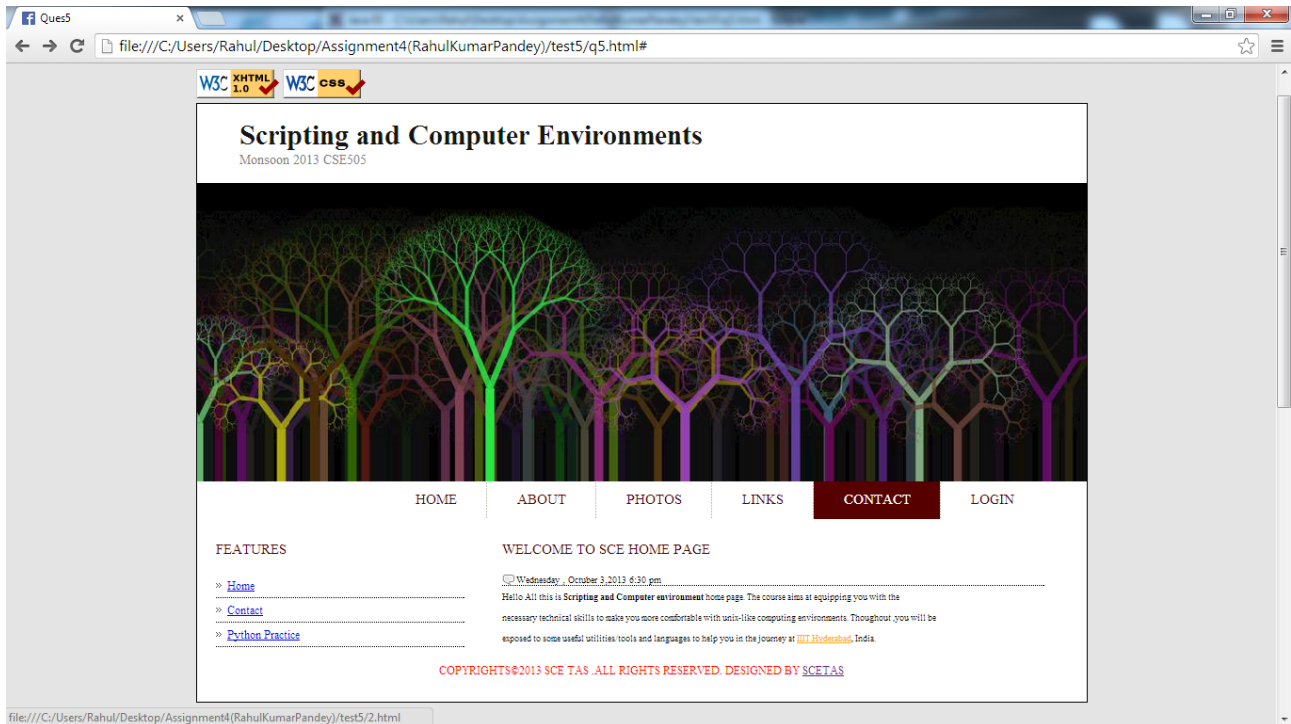
4. Date Of Birth must be a valid Date. Take Care of 30/31 days in a month.

Question 4 :

Design a home page for SCE that looks similar to the below picture (Attached as q4.png)

Ensure that :

- 1) The page is W3C XHTML1.0 validated and W3C CSS validated.
- 2) Required images for this page have been given in ImagesQ4.tar.gz
- 3) Do not forget to add Favicon image and title of the Page



Question 5 :

National Aeronautics and Space Administration's (NASA) Advanced Food Technology Project, spent nearly \$1 million to develop a recipe for pizza and about 100 other foods that could be served some day on Mars. And now they need a webpage to get started!

Your task is to create a simple webpage for a martian pizzeria. A skeleton html file has already been provided to you. Make necessary changes as required. The webpage has a header and a footer which remain in the same position on scrolling up or down.

- 1) q5_1.png and q5_2.png (See Attached tarball) illustrate two parts of the page.
- 2) Notice that the header and footer are in the same position in both the images.

6. Master Page

Design a Master Page master.html that contains links to all the above pages in the form of a menu (Que 1,Que2,Que3,Que4,Que5). The Master Page will have a Header,Footer and a Left aligned menu. (Design of the header/footer is upto you). Each link to the left must open your answer in a new window. This page must also be XHTML and CSS Validated.

Here is an example:

