



EASTERN UNIVERSITY, SRILANKA

THIRD EXAMINATION IN SCIENCE - 2004/2005

SECOND SEMESTER (Oct./Nov.,2006)

CS 353 - PRACTICAL WORK ON CS 303

Answer all questions

Time: 2 Hours

Create a website using **XHTML**. You have to use Cascading Style Sheet (CSS) and the DIV elements to **layout each web page**. The proposed web page template is shown in Figure 1.

#Header <h1> Sample Web Site </h1>
#Menu Home XHTML Exercise JavaScript Exercise
#Content <h2> Content heading </h2> Content goes here.....
#Footer Copyright info goes here....

Figure 1

The page layout (Figure 1) consists of Header, Menu, Content and Footer.

- The Header at the top of the page includes a site name.
- The Menu area includes the hyperlinks of the main menu. Also *Home*, *XHTML Exercise* and *JavaScript Exercise* hyperlinks have to be linked to the web pages "[index.html](#)", "[xhtml_ex.html](#)" and "[javascript_ex.html](#)" respectively.
- The Content area, which includes a heading and content for the page.
- The footer at the bottom of the Content area includes the copyright information.

Q 1) Create an External CSS (name it as "style.css") with the following attributes:

Element Selectors:

body	Background color = #F7F7F7; Text color = #000000; Font face = Verdana, Arial, Helvetica; Font size = 12px;
h1	Text color = #660000; Font weight = bold;
h2	Text color = #663300; Font style = italic;
b	Text color = #666666;

ID Selectors:

Header	Padding = 2px 10px 20px 10px; Border width = 2px; Border style = dotted; Border color = red; Background color = #FF9966;
Menu	Padding = 10px 10px 10px 10px; Border width = 2px; Border style = dotted; Border color = red; Background color = #FFCC99;
Content	Padding = 10px 10px 10px 10px; Border width = 2px; Border style = dotted; Border color = red; Background color = #FFefd9;
Footer	Padding = 10px 10px 10px 10px; Border width = 2px; Border style = dotted; Border color = red; Background color = #FFCC99;

You should include the "style.css" into all web pages of your web site. Also you should use the <div> elements with an id attribute to get the proposed page layout.

Q 2) Create a home page as shown in the Figure 2 and save it as "index.html".

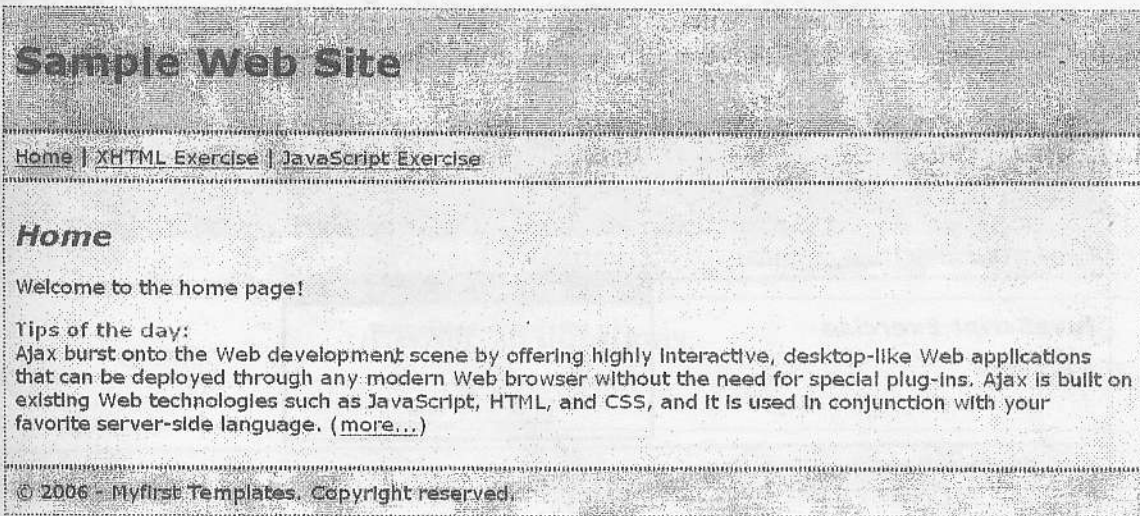


Figure 2

Q 3) Create a web page as shown in the Figure 3 and save it as "xhtml_ex.html".

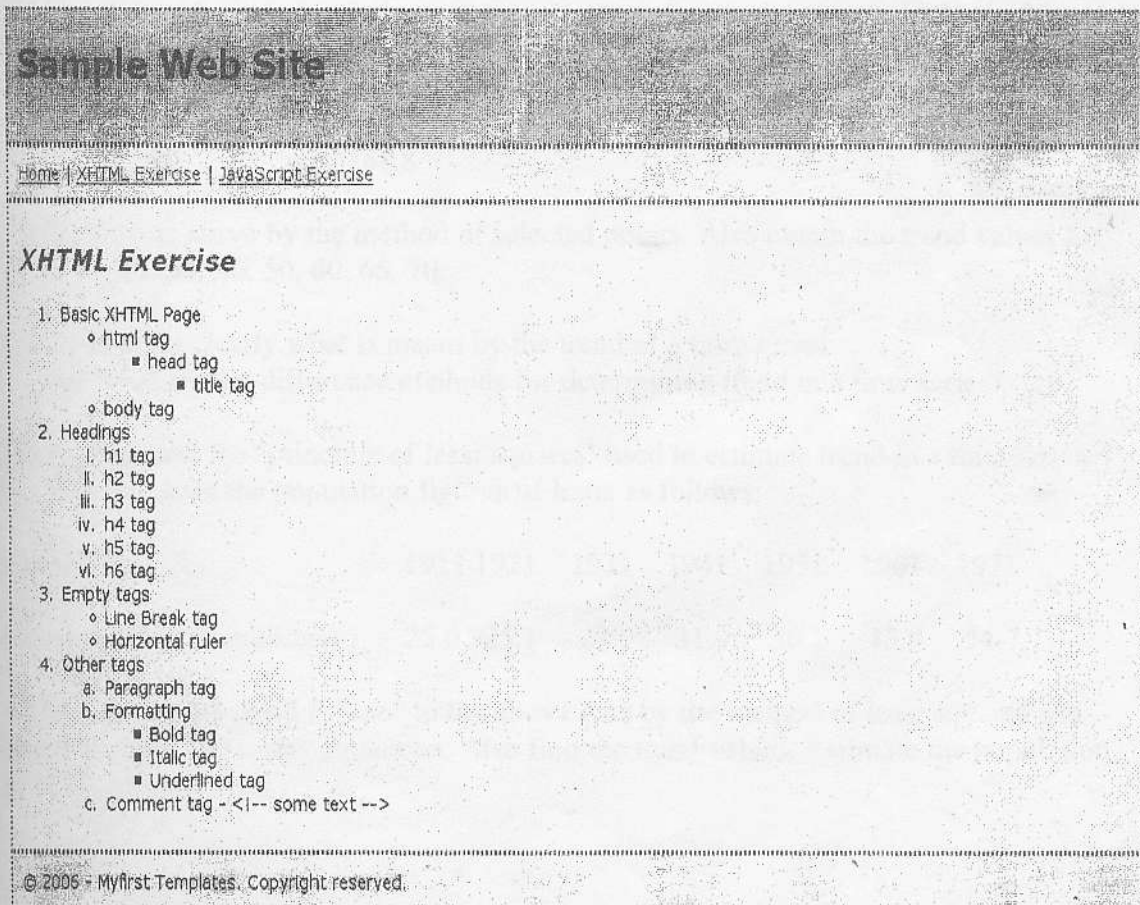


Figure 3

Q 4) Create a web page as shown in the Figure 4 and save it as "javascript_ex.html". Embed a JavaScript program into the web page, that will display a message whether the given number (less than equal to 25) is a prime number or not (You can use prompt dialog box to input a number).

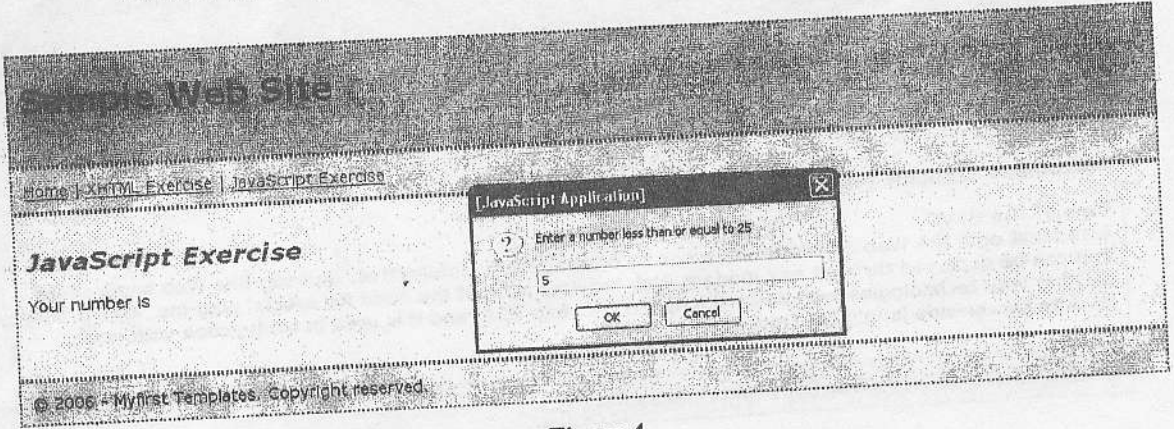


Figure 4