MIDTERM 2

Duration : 90 mins.

Q1. (15 Pts)
Create a table of content for your answers; each item in your table will be a link to the corresponding question. Each link has the following properties:
When mouse over the link: color:red and letter-spacing: 0.1cm
In other cases: font-size:12pt, font-family:tahoma
“Table of Content” is a heading 2. Your links must be valid for grading.
Table has 4 rows, background color is rgb(250,220,150) and width is 150.

Table of Content

<table>
<thead>
<tr>
<th>Question 2</th>
<th>Question 3</th>
<th>Question 4</th>
<th>Question 5</th>
</tr>
</thead>
</table>

Q2. (25 Pts)
Create the following DHTML page which initially shows a paragraph “ON” in blue and font-size:14pt. When user clicks on the paragraph, it changes the content to “OFF” and its color to red. Mouse clicks switches the content “ON” and “OFF” in this way.

ON ← Mouse Clicks → OFF

Q3. (20 Pts)
Create a DHTML page which has a start button showing one of 4 images for 2 seconds sequentially. In other words, it shows resim1.bmp for 2 seconds, after resim1.bmp, it shows resim2.bmp for next 2 seconds, and goes like that. After resim4.bmp, it starts showing resim1.bmp. USE Preloading of images!

Copy the following images from c:\windows folder and rename them as follows:
Coffee Bean.bmp → resim1.bmp, Feather Texture.bmp → resim2.bmp, GoneFishing.bmp → resim3.bmp, and RiverSumida.bmp → resim4.bmp

First image After two seconds, second image is displayed
Q4. (20 Pts)
Write a DHTML page which has a text area object to enter text, and it will count the number of ctis keyword without case-sensitivity, when you write a ctis keyword, it will pop up an alert box in which the number of ctis keyword written in text area is displayed. To make it, you can use onkeyup event for textarea and string processing functions. Assume that user does not delete anything.

Q5. (20 Pts)
Create a DHTML page which produces 50 stars (*) randomly in the area (0,0) to (500,500). When user clicks on a star, it disappears and a counter displayed how many stars destroyed on the status bar increases by one. Your script should resize the window to (600,700) at the beginning.

- GOOD LUCK -