

UJIAN AKHIR SEMESTER GENAP 2023-2024

Mata Kuliah : Web Programming
Kode Mata Kuliah : 1604B043
KP : Semua KP
Tanggal : Selasa, 2 Juli 2024
Durasi : 130 menit
Jenis Ujian : Terbuka
Dosen : 206002–Jimmy, 210034-Hendra Dinata, 209316-Siprianus H.H

**This exam has three numbers. Zip all of your files and submit the zip file to ULS.
Make enough time to do the zipping and uploading the zip file.
Do not spend all the time just for coding.**

1. (40 points) Create a table to display 30 days of a calendar by inputting the day for the first date.
(Add your answer in the “Complete your code here” section)

form.php

```
<form method="get" action="one.php">
  <label>First Day is:</label>
  <select name="firstday">
    <option value="1">Monday</option>
    <option value="2">Tuesday</option>
    <option value="3">Wednesday</option>
    <option value="4">Thursday</option>
    <option value="5">Friday</option>
    <option value="6">Saturday</option>
    <option value="7">Sunday</option>
  </select>
  <input type="submit" name="submit" value="Show Calendar">
</form>
```

One.php

```
<style type="text/css">
    th { border: 1px solid darkblue; background-color: darkblue;
color: white; }
    td { border: 1px solid black; }
    .blank { border: 1px solid grey; background-color: grey; }
</style>
...
<table>
    <tr>
        <th>Mon</th>
        <th>Tue</th>
        <th>Wed</th>
        <th>Thu</th>
        <th>Fri</th>
        <th>Sat</th>
        <th>Sun</th>
    </tr>
    //Complete your code here...
</table>
```

Example:

- firstday is Monday

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

- firstday is Thursday

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Note: Use colspan and class blank to fill the empty sections as in the example above.

2. (30 point) We have two php files. This is the “uas2-1.php” file:

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <title>First File</title>
</head>
<body>
<form action="uas2-2.php" method="post">
    <p><label>Number of Paragraph</label> <input type="number"
name="number" required></p>
    <p><label>Content of Paragraph</label> <textarea
name="paragraph" required></textarea></p>
    <p><button type="submit" name="send"
value="send">Send</button></p>
</form>
</body>
</html>
```

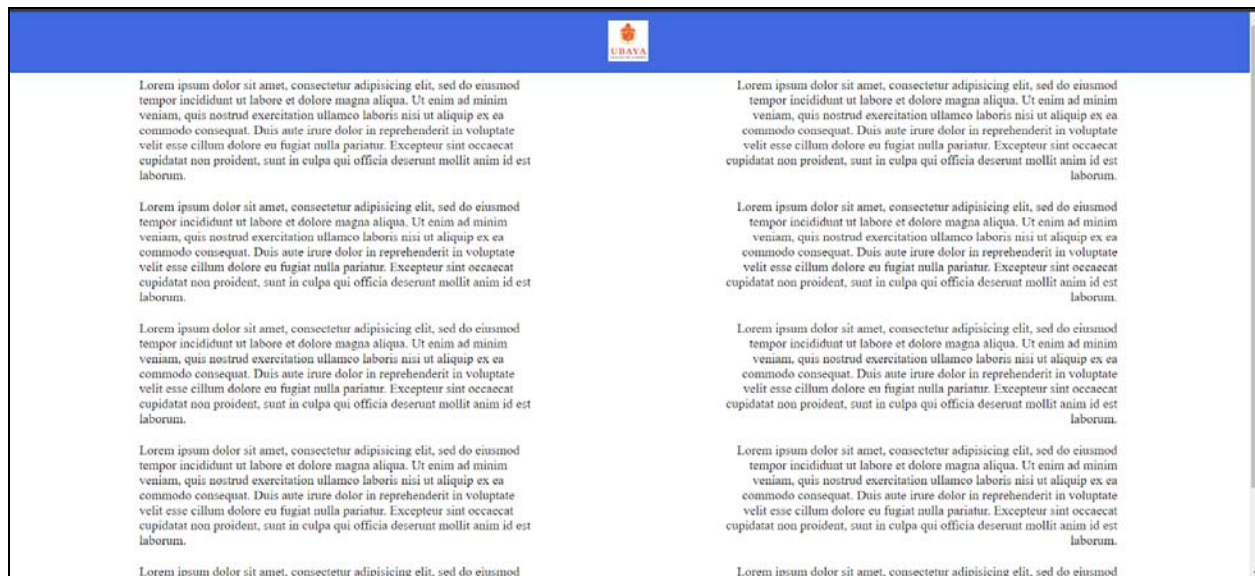
Let's say you input “10” in the first textbox, and you also input a “lorem ipsum ...” text in the textarea. After that, you can click the Send button.

Number of Paragraph

Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna
aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut
aliquip ex ea commodo
consequat. Duis aute irure dolor in reprehenderit
in voluptate velit esse
cillum dolore eu fugiat nulla pariatur. Excepteur
sint occaecat cupidatat non
proident, sunt in culpa qui officia deserunt
mollit anim id est laborum.

Content of Paragraph

This is what you will get in the “uas2-2.php” file:

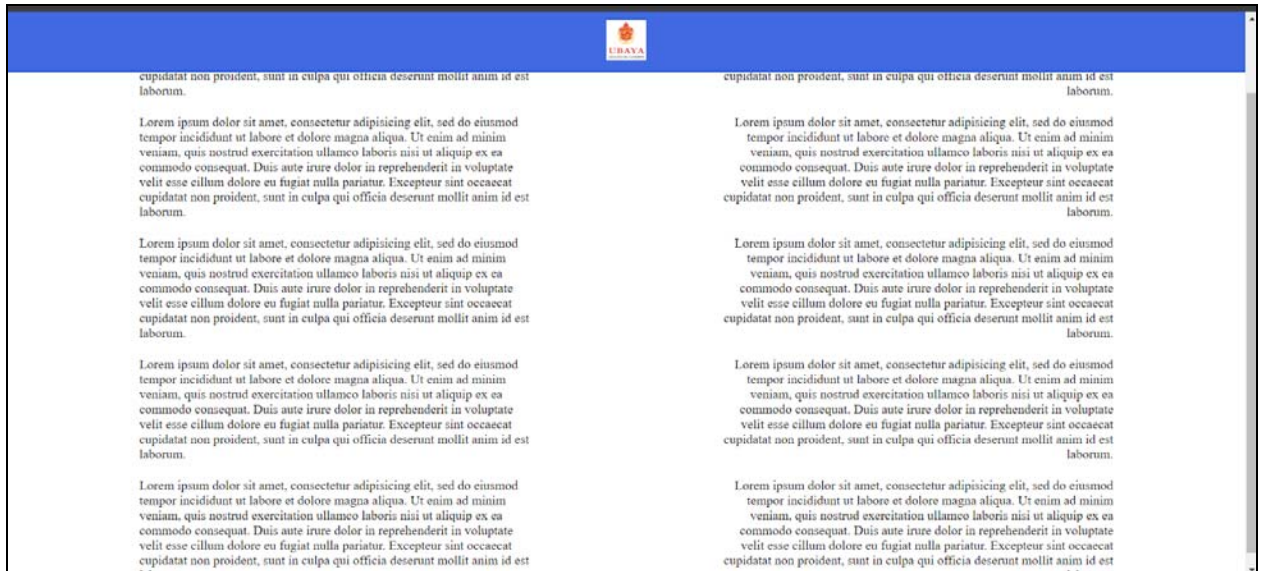


Your task is to fill in the <style> and <body> sections, and it must match the requested conditions.:

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <title>UAS 2-2</title>
<style type="text/css">
body { margin: 0px; }
....Complete your code here... ....
</style>
</head>
<body>
....Complete your code here ....
</body>
</html>
```

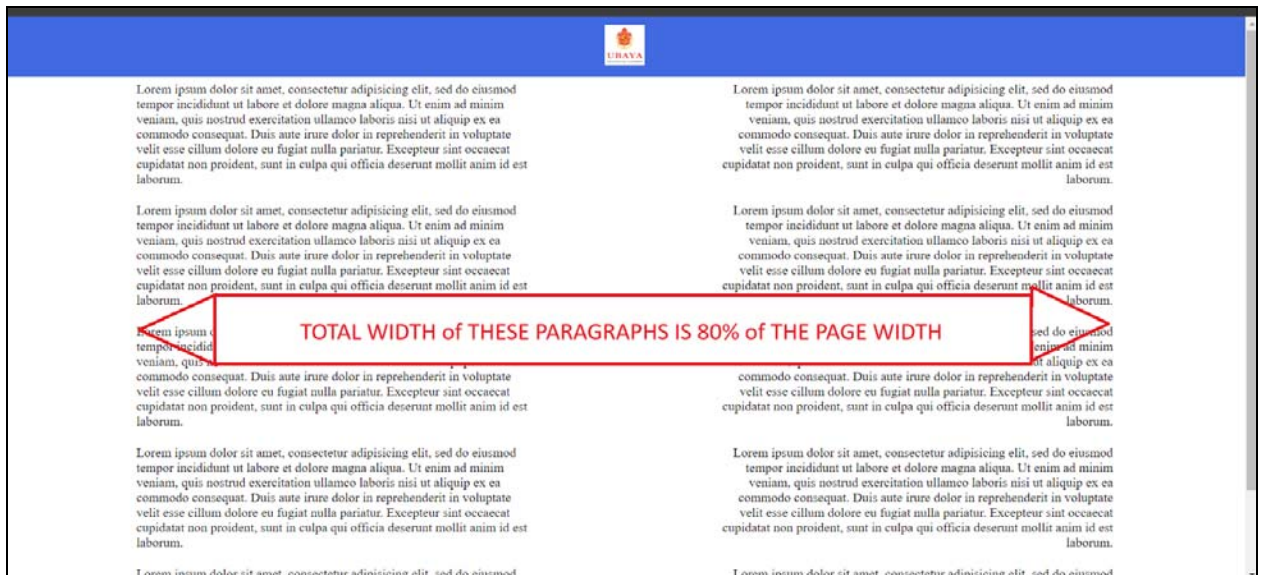
The conditions are:

- A. The Uбая logo is in the center of the header section (royalblue background). It will be 50px high. Give some distance between the logo and the top/bottom edge of the header section.
- B. The header will remain on the top of the page even though you scroll up the page. Look at this figure:



You will see this page after you scroll up the page. The header section remains on top.

- C. The total width of the paragraphs columns will be 80% of the page width. That means you will get white space on the left and right sides of the page.



- D. The paragraphs sent from the first page will be arranged into two equal columns, as shown in the image above. The paragraphs in the first column will appear left-aligned. Meanwhile, the paragraphs in the 2nd column will appear correctly aligned.
- E. If you made 9 paragraphs, that means you will have 5 paragraphs in the left column and 4 paragraphs in the right column. But if you made 8 paragraphs, it means you will have 4 paragraphs in the left column and 4 paragraphs in the right column. And so on.

3. (30 points) Complete the following HTML script with the jQuery script, which must match the requested condition. (Add your answer in the "Complete your code here" section)

Paragraph Symbol:

Font Style: ☐ Text Bold ☐ Text Italic ☐ Text Underline

Font Size:

HTML:

```
<head>
<style type="text/css">
    .bold { font-weight: bold; }
    .italic { font-style: italic; }
    .underline { text-decoration: underline; }
    p {
        width: 100px;
        min-height: 50px;
        border: 1px solid black;
        font-size: 32px;
        text-align: center;
    }
</style>
<script src="https://code.jquery.com/jquery-3.7.0.js"></script>
</head>
<body>
<p>&nbsp;</p>
<label>Paragraph Symbol:</label>
<select id="cboText">
    <option value="&nbsp;">&nbsp;</option>
    <option value="@">@</option>
    <option value="#">#</option>
    <option value="$">$</option>
    <option value="%">%</option>
    <option value="^">^</option>
    <option value="&">&</option>
    <option value="*">*</option>
</select>
<br>
<label>Font Style:</label>
<input type="checkbox" class="chkStyle" value="bold">
<label>Text Bold</label>
<input type="checkbox" class="chkStyle" value="italic">
<label>Text Italic</label>
```

```

<input type="checkbox" class="chkStyle" value="underline">
<label>Text Underline</label>
<br>
<label>Font Size:</label>
<button id="btnPlus">+</button>
<button id="btnMin">-</button>

<script>
    //Complete your code here...
</script>
</body>

```

Complete JQuery with the following conditions:

- If cboText is changed, the paragraph's contents will be changed according to the value selected from cboText.

\$

Paragraph Symbol: \$

Font Style: ☐ Text Bold ☐ Text Italic ☐ Text Underline

Font Size: + -

- If chkStyle is selected, the style of the paragraph will be changed by adding and removing already available classes.
Example: If Text Bold is selected, the bold class will be added to the paragraph, otherwise if it is not selected, the bold class will be removed from the paragraph.

%**o**

Paragraph Symbol: %

Font Style: ☒ Text Bold ☐ Text Italic ☐ Text Underline

Font Size: + -

- - If btnPlus is clicked, the paragraph's font size will increase by 2px.
- - If btnMin is clicked, the paragraph's font size will decrease by 2px.

%**o**

Paragraph Symbol: %

Font Style: ☐ Text Bold ☐ Text Italic ☒ Text Underline

Font Size: + -