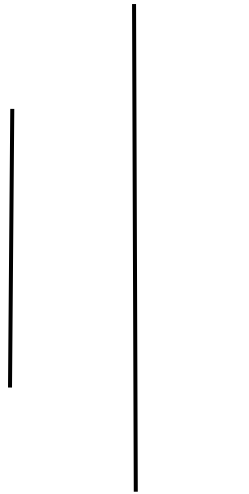


**NEPAL COLLEGE OF INFORMATION TECHNOLOGY
BALKUMARI, LALITPUR**



(Affiliated to Pokhara University)

Subject: Web Technology



Lab Report# 8

Title:- Familiarization of Website layout designing

Submitted by:

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Roll no:-2210707

Faculty:-Science & Technology

Year:- 1st

Semester:- 2nd

Submitted to:

Instructor:-Er. Simanta Kasaju

Department of
Software Engineering

Submission date:

2023/07/30

Introduction

A website can be divided into various sections comprising of header, menus, content, and footer based on which there are many different layout designs available for developers. Different layouts can be created by using a div tag and using CSS property to style it.

The most common structure of website layout is given below:

Notice: Header section contains a website logo, a search bar and profile of user. The navigation menu contains link to various categories of articles available and content section is divided into 3 parts(columns) with left and right sidebar containing links to other articles and advertisements whereas the main content section is the one containing this article, then at the bottom there is a footer section which contains address, links, contacts etc.

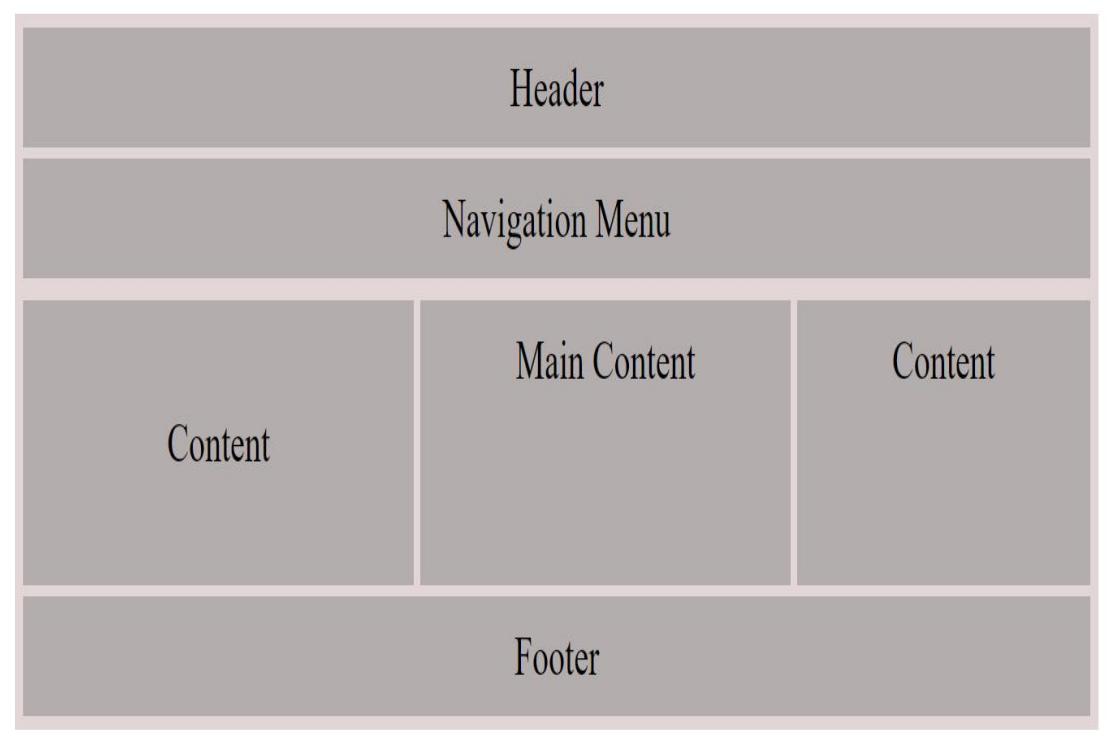
Header Section: The header section is generally placed either at the top of the Website or just below a top navigation menu. It often comprises of the name of the Website or the logo of the Website.

Navigation Menu: A Navigation Bar/Menu is basically a list of links that allows visitor to navigate through the website comfortably with easy access.

Qs 1. CODE

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <style>
8     .grid{
9       display: grid;
10      gap: 4px;
11      background-color: #226, 214, 214;
12      padding: 5px;
13    }
14    .G{
15      background-color: #179, 173, 173;
16      text-align: center;
17      padding: 10px;
18      font-size: 20px;
19    }
20    .A{
21      grid-column: 1 / span 3;
22      grid-row: 1;
23    }
24    .F{
25      grid-column: 1/ span 3;
26      grid-row: 2;
27    }
28    .B{
29      grid-column: 1;
30      grid-row: 4/span 3;
31      padding: 40px;
32    }
33    .C{
34      grid-column: 2;
35      grid-row: 4/span 3;
36    }
37    .D{
38      grid-column: 3;
39      grid-row: 4/span 3;
40    }
41  </style>
42 </head>
43 <body>
44   <div class="grid">
45     <div class="G A">
46       Header
47     </div>
48     <div class="G F">
49       Navigation Menu
50     </div>
51     <div class="G B">
52       Content
53     </div>
54     <div class="G C">
55       Main Content
56     </div>
57     <div class="G D">
58       Content
59     </div>
60     <div class="G E">
61       Footer
62     </div>
63   </div>
64 </body>
65 </html>
```

OUTPUT



Activate Windows

Qs.2 OUTPUT

E-commerce electronic commerce is the buying and selling of goods and services, or the transmitting of fund or data, over an electronic network , primarily internet Business transactions occur either as business-to-business(B2B), consumer

[Home](#) [Gallery](#) [Products](#) [Contact](#)

What is?

Lorem ipsum dolor, sit amet consectetur adipiscing elit. Voluptatibus possimus sit iure architecto vero eveniet fugiat optio maiores. Iure, tenetur nobis? Commodi, cumque quaerat dolorum eum dolor in natus exceptum?

E-commerce

Lorem ipsum dolor sit amet consectetur adipiscing elit. Dolor molestiae minima animi recusandae vitae iusto eum repudiandae. Excepturi inventore, odio praesentium vel amet in, tenetur nemo possimus a natus ut. Sapiente quidem, qui repudiandae atque doloremque corporis aspernatur aperiam, consequatur recusandae blanditiis veritatis temporibus? Doloribus commodi harum quidem pariatur accusantium eveniet facilis ad obcaecati sunt mollitia, nobis inventore exercitationem recusandae? Odit cumque adipisci, illo mollitia voluptatem nobis doloribus laboriosam officis itaque. Id architecto veniam odio eum quasi, et debitis. Porro eaque dolorem inventore itaque quis. Doloribus doloremque repellendus facere eos?

Types

Lorem ipsum dolor, sit amet consectetur adipiscing elit. Debitis minus aliquid, nam dicta, voluptatum quo laudantium, qui possimus iure deleniti cum ea eveniet dignissimos eligendi expedita distinctio consectetur repellendus neque.

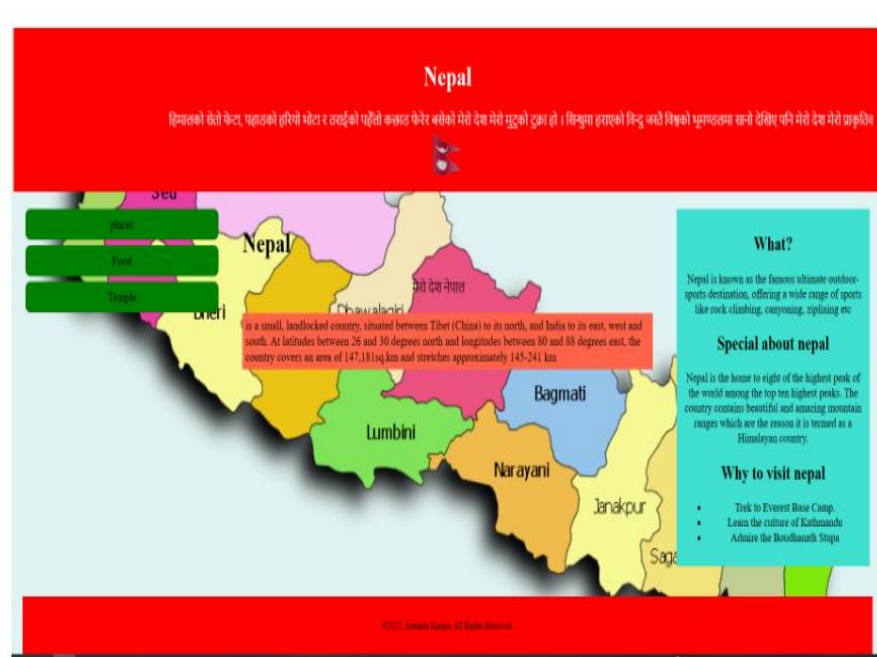
2022 © www.abcd.com. All rights are reserved

Abcde.com - All Rights Reserved

CODE

```
javascript > lab7.html > lab8_gs2.html > html > body > div.container > div.T
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="lab8.css">
8 </head>
9 <body>
10 <div>
11   <header>
12     <div class="Main">
13       
14       <p class="B">
15
16         E-commerce electronic commerce is the buying and selling of goods
17         and services, or the transmitting of fund or data, over an electronic newtwork
18         , primarily internet Business transactions occur either as business-to-business(B2B), consumer
19
20       </p>
21     </div>
22   </header>
23 </div>
24 <nav>
25   <a href="" id="active">Home</a>
26   <a href="">Gallery</a>
27   <a href="">Products</a>
28   <a href="">Contact</a>
29
30 </nav>
31 <div class="container">
32   <div class="A">
33
34     <a href="">Products</a>
35     <a href="">Contact</a>
36
37   </nav>
38   <div class="container">
39     <div class="A">
40       <h2>What is?</h2>
41       <p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Voluptatibus possimus sit iure architecto vero eveniet fugiat optio maiores.
42       cumque quaerat dolorum eum dolor in natus excepturi?</p>
43     </div>
44     <div class="S">
45       <h2>E-commerce</h2>
46       <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolore molestiae minima animi recusandae vitae iusto eum repudiandae. Exceptu
47       Sapiente quidem, qui repudiandae atque doloreque corporis aspernatur aperiam, consequatur recusandae blanditiis veritatis temporibus? Do
48       Odit cumque adipisci, illo mollitia voluptatem nobis doloribus laboriosam officiis itaque. Id architecto veniam odio eum quasi, et debiti
49     </div>
50     <div class="T">
51       <h2>Types</h2>
52       <p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Debitis minus aliquid, nam dicta, voluptatum quo laudantium, qui possimus iu
53       distinctio consectetur repellendus neque.</p>
54     </div>
55   </div>
56   <div>
57     <footer>
58       2022 &copy; www.abcd.com. All rights are reserved
59     </footer>
60   </div>
61 </body>
62 </html>
```

Qs3.OUTPUT



Code

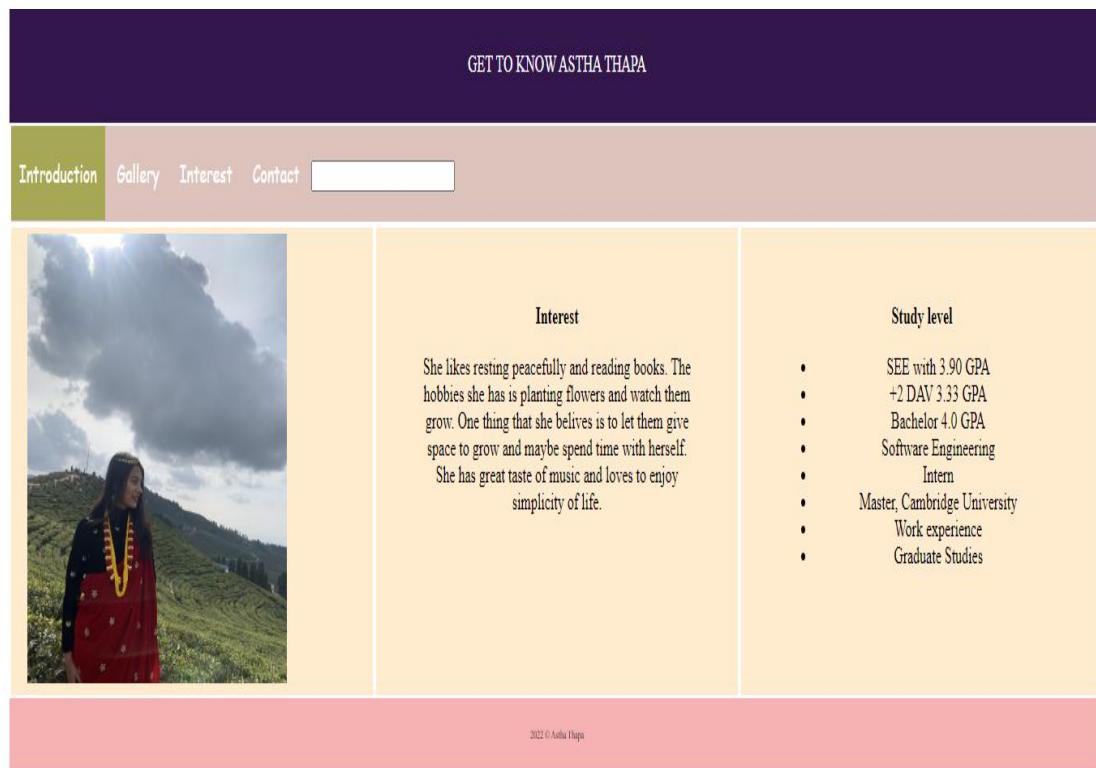
```
javascript > lab7.html > lab8.html > qs3.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width= nnnnnnnmmmmmm, initial-scale=1.0">
6   <title>Document</title>
7   <style>
8     body{
9       background-image: url(nepal\ map.png );
10      background-repeat: no-repeat;
11      background-position: center;
12      height: 400px;
13      width: 2000px;
14    }
15    *
16    {
17      box-sizing: border-box;
18    }
19    .header{
20      background-color: #ff0000;
21    }
22    color: #ffffff;
23    padding: 15px;
24    text-align: center;
25  }
26  #B{
27    text-align: center;
28    position: absolute;
29    right: 650px;
30    top: 80px;
31  }
32  h3,#o{
33    color: #aliceblue;
34  }
35  .F{
36  }
37  }
38  }
39  }
```



```
38 }
39
40 </style>
41 </head>
42 <body>
43 <div class="header">
44 <h3>Nepal</h3>
45 <marquee behavior="scroll" direction="left" id="0">
46 हिमालको सेतो फेरा, पहाडको हरियो भीटा र तराईको पहेँलो कछाड फेरेर बसेको मेरो देश मेरो मुटुको टुक्रा हो । सिन्धुमा
47 हराएको विन्दु जस्तै विश्वको भूमण्डलमा सानो देखिए पनि मेरो देश मेरो प्राकृतिक दृश्यले एकदमै सुन्दर र पावन छ । पूर्व
48 मेची र पश्चिममा कालीको रेखा कोरेर उत्तरतर्फ हिमश्रृङ्खलाको प्राकृतिक
49 पखाल लगाई स्वयम् प्रकृति नै मेरो देशको रक्षामा खटिएकी छिन् । यस देशको चार किल्लाभित्र प्रकृति रमाउँदै
50 नाचेकी छिन्
51
52 </marquee>
53 <div>
54 
55 </div>
56 </div>
57 <div class="E">
58 <div class="F" >
59 <p>Places</p>
60 <p>Food</p>
61 <p>Temple</p>
62 </ul>
63 </table>
64 </div>
65 <marquee> मी देश नेपाल</marquee>
66 <p>
67 <div style="background-color: #sandybrown; padding:5px;"> is a
68
69 small, landlocked country, situated between Tibet (China) to
70 its north, and India to its east, west and south. At latitudes between
71 26 and 30
72 degrees north and longitudes between 80 and 88 degrees east, the
73 country covers an
74 area of 147,181sq.km and stretches approximately 145
75
```

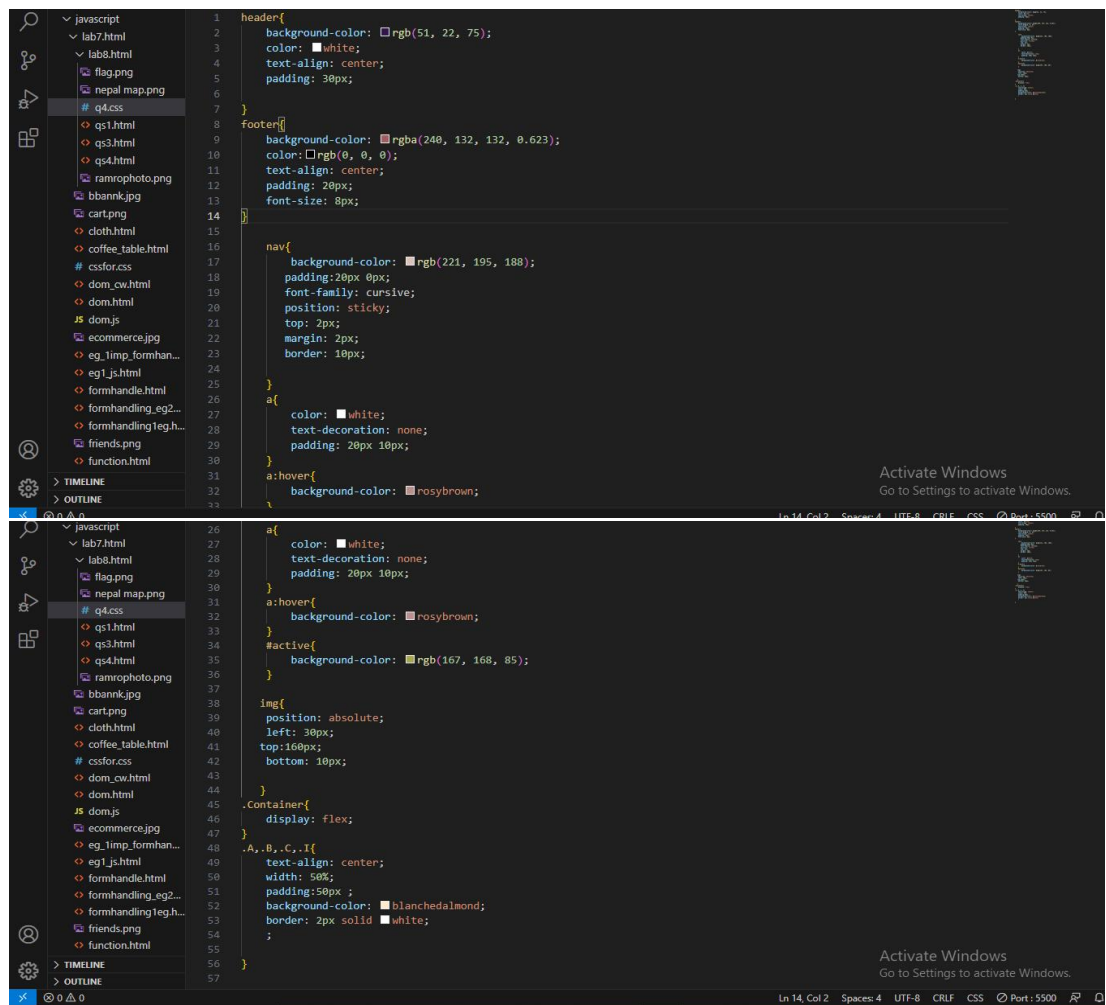
```
78 </div>
79 </p>
80 </div>
81
82 Er. Simanta kasaju 196
83
84 <div class="col-3 right">
85 <div class="aside">
86 <h2>What is for?</h2>
87 <p>Nepal is known as the famous ultimate outdoor-sports
88 destination, offering a wide range of sports like rock climbing,
89 canyoning, ziplining etc.</p>
90 <h2>special about nepal?</h2>
91 <p>Nepal is the home to eight of the highest peak of the
92 world among the top ten highest peaks. The country contains
93 beautiful and amazing mountain ranges which are the reason it
94 is termed as a Himalayan country. </p>
95 <h2>Reasons to Visit Nepal?</h2>
96 <p>
97
98 <ul>
99 <li>Trek to Everest Base Camp.</li>
100 <li>Learn the culture of Kathmandu
101 </li>
102 <li>Admire the Boudhanath Stupa</li>
103 </ul></p>
104 </div>
105 </div>
106 </div>
107 <div class="footer">
108 <p class="copyright">©2021 ,Astha Thapa, All
109 Rights Reserved.</p>
110 </div>
111 </body>
112 </html>
113
114 </body>
115 </html>
```

Qs.5
Output



Activate Windows
Go to Settings to activate Windows.

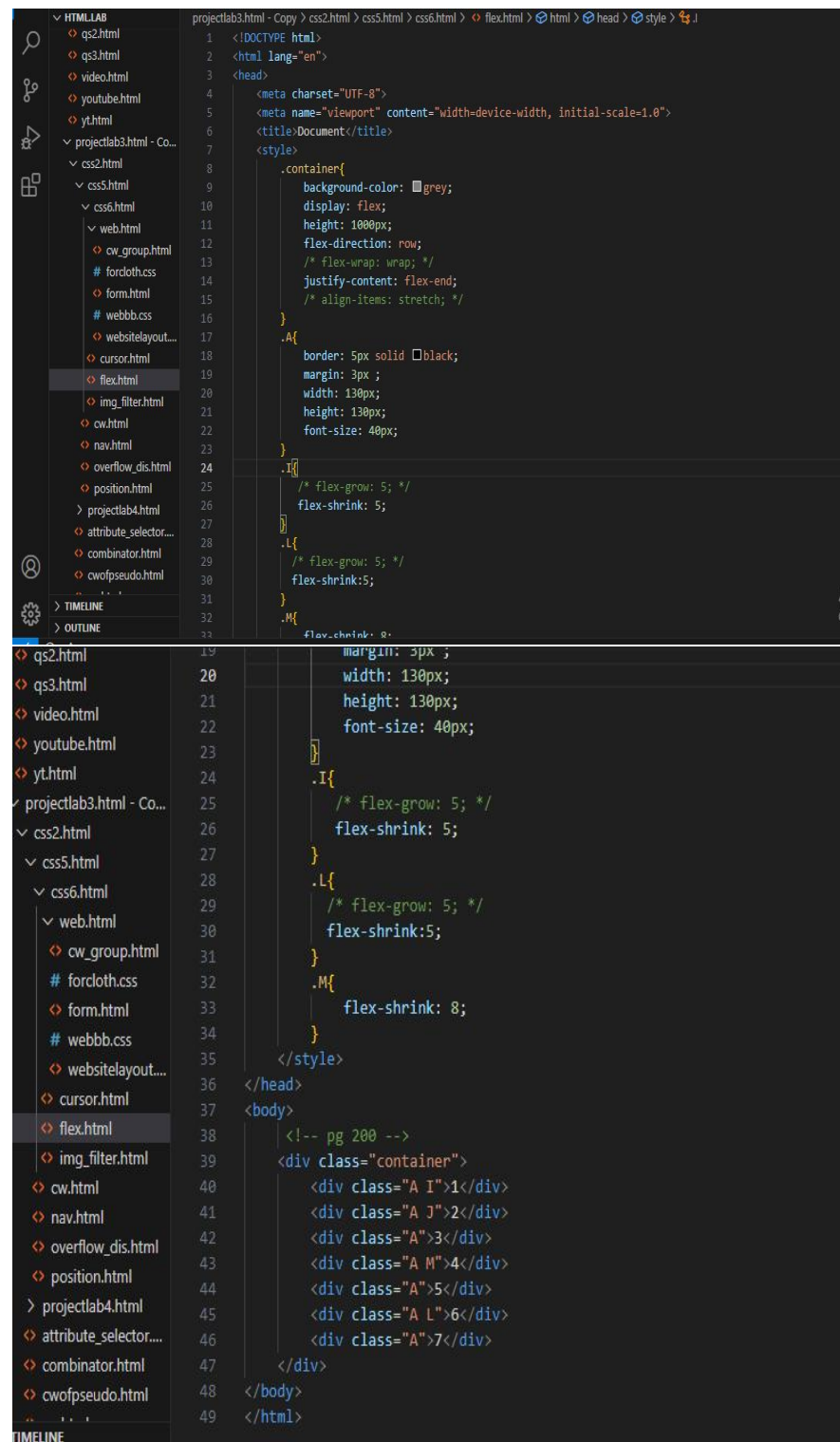
Code



Qs.4

1	2	3	4	5	6	7
---	---	---	---	---	---	---

Code



```
projectlab3.html - Copy > css2.html > css5.html > css6.html > flex.html > html > head > style > 4.J
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <style>
8     .container{
9       background-color: grey;
10      display: flex;
11      height: 1000px;
12      flex-direction: row;
13      /* flex-wrap: wrap; */
14      justify-content: flex-end;
15      /* align-items: stretch; */
16    }
17    .A{
18      border: 5px solid black;
19      margin: 3px ;
20      width: 130px;
21      height: 130px;
22      font-size: 40px;
23    }
24    .I{
25      /* flex-grow: 5; */
26      flex-shrink: 5;
27    }
28    .L{
29      /* flex-grow: 5; */
30      flex-shrink:5;
31    }
32    .M{
33      flex-shrink: 8;
34    }
35  </style>
36 </head>
37 <body>
38   <!-- pg 200 -->
39   <div class="container">
40     <div class="A I">1</div>
41     <div class="A J">2</div>
42     <div class="A">3</div>
43     <div class="A M">4</div>
44     <div class="A">5</div>
45     <div class="A L">6</div>
46     <div class="A">7</div>
47   </div>
48 </body>
49 </html>
```