

## DESCRIPTION

SUTDENT'S NAME:	Gurpreet Singh
PROGRAM:	<b>Web design</b>
DATE:	28-03-2021
TEACHER'S NAME:	Suthakhar
COURSE:	<b>Interactive content II (C12)</b>
TYPE OF EXAM:	<b>Intra</b>
DURATION:	<b>3 hours</b>

## OTHER INSTRUCTIONS FROM THE TEACHER

Penalties imposed on a student accused of an attempt at plagiarism could include, but are not limited to, a grade of 0% for examination or for the entire course. The student could also be either put on probation; -suspended and / or expelled from the program.

**Good luck !**

## Question 1

/5

**Write 3 advantages and 3 inconvenient to using pop-up elements.**

**Answer: Advantages:-**

**They demand attention** – Hijacking the entire screen isn't subtle, but it certainly gets attention.

**They focus on one message** – With so many different messages on your site, pop-ups give you space to focus on one call to action (CTA).

**Huge ROI potential** – Pop-ups basically cost nothing, so the ROI potential is massive.

**Disadvantages:-**

**They're annoying as hell** – Again, this is especially true for full-screen intrusions.

**They block content** – And, because they tend to load last, users have already started reading by the time you block their view.

**They force a user to take action** – Which is fine if they convert, but only exaggerates your intrusion if they don't.

## Question 2

/2

**Briefly explain what are JavaScript libraries.**

**Answer :** A JavaScript library is a library of pre-written JavaScript that allows for easier development

of JavaScript-based applications, especially for AJAX and other web-centric technologies.

## Question 3

/3

**Briefly explain what is a carousel (or slider).**

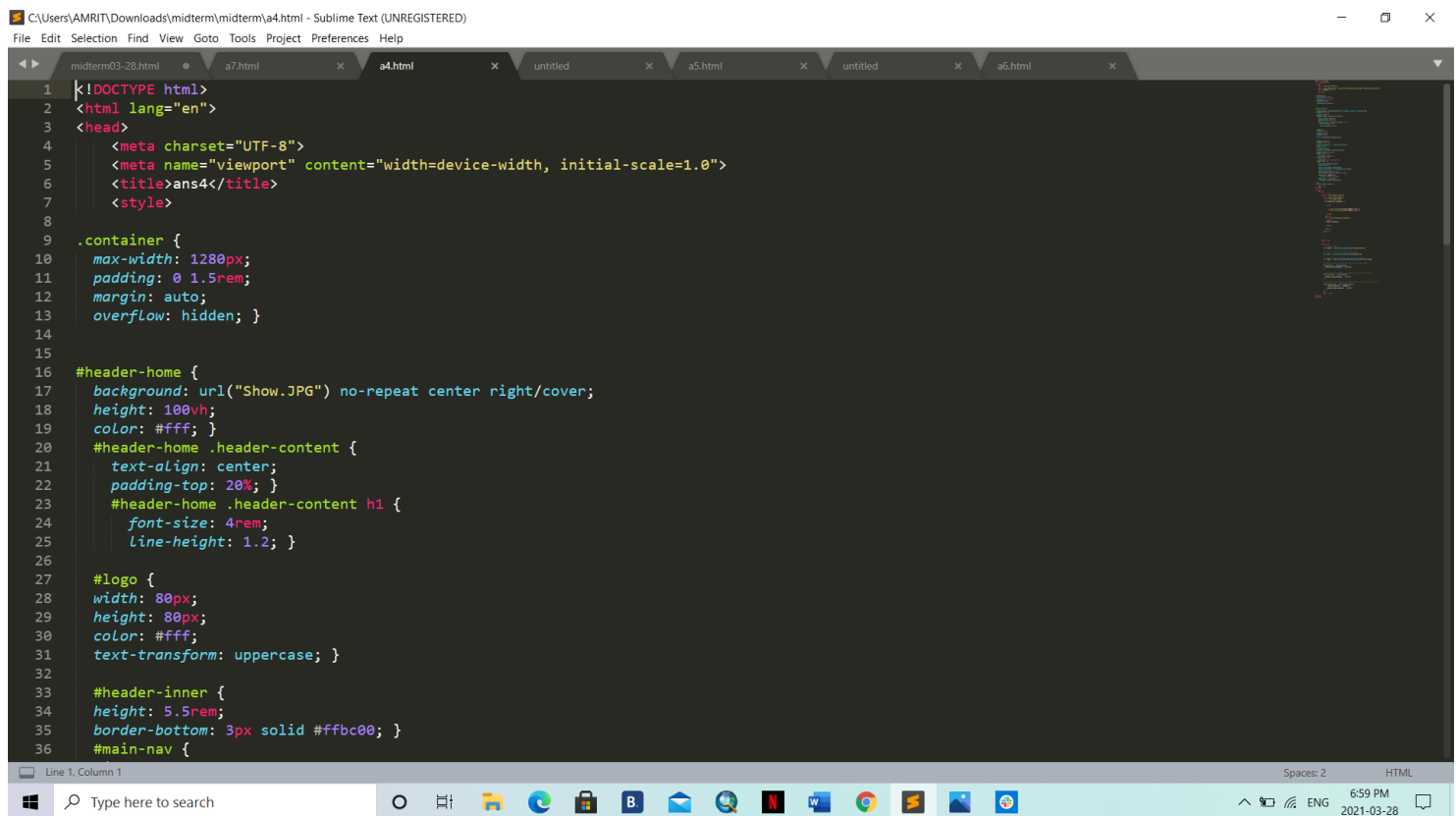
**Answer :** A carousel rotates the images radially and in a 3D feel by using distance and depth of field.

They rotate on an axis where the image is always facing you.

## Question 4

/5

Create a simple web site with a header showing your name and a navigation leading to your answers to the following questions (eg.: Question 5, Question 6, etc.).



```
C:\Users\AMRIT\Downloads\midterm\midterm\ans4.html - Sublime Text (UNREGISTERED)
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midterm03-28.html x a7.html x a4.html x untitled x a5.html x untitled x a6.html x

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>ans4</title>
7   <style>
8
9   .container {
10     max-width: 1280px;
11     padding: 0 1.5rem;
12     margin: auto;
13     overflow: hidden; }
14
15
16   #header-home {
17     background: url("Show.JPG") no-repeat center right/cover;
18     height: 100vh;
19     color: #fff; }
20   #header-home .header-content {
21     text-align: center;
22     padding-top: 20%; }
23   #header-home .header-content h1 {
24     font-size: 4rem;
25     line-height: 1.2; }
26
27   #logo {
28     width: 80px;
29     height: 80px;
30     color: #fff;
31     text-transform: uppercase; }
32
33   #header-inner {
34     height: 5.5rem;
35     border-bottom: 3px solid #ffbc00; }
36   #main-nav {
```

[illegible]

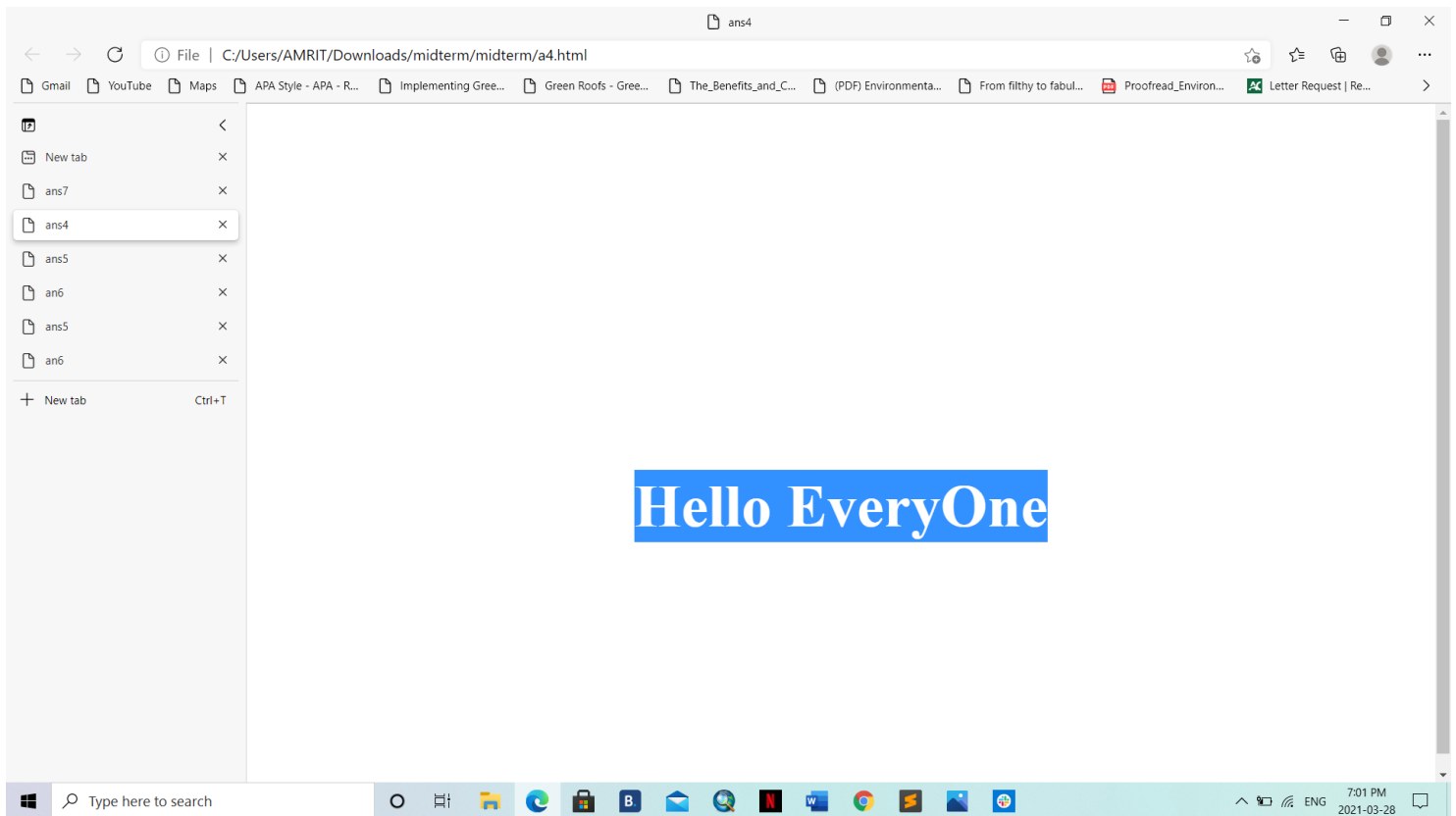
The screenshot shows a Windows desktop with a Sublime Text editor window open. The editor has several tabs, with 'a4.html' selected. The code in the editor is as follows:

```

73 </nav>
74 <div class="header-content">
75   <h1>
76     Hello Everyone
77
78   </h1>
79
80 </div>
81 </div>
82
83
84
85
86 </header>
87
88 <script>
89   // Get the modal
90   var modal = document.getElementById("myModal");
91
92   // Get the button that opens the modal
93   var btn = document.getElementById("myBtn");
94
95   // Get the <span> element that closes the modal
96   var span = document.getElementsByClassName("close")[0];
97
98   // When the user clicks the button, open the modal
99   btn.onclick = function() {
100     modal.style.display = "block";
101   }
102
103   // When the user clicks on <span> (x), close the modal
104   span.onclick = function() {
105     modal.style.display = "none";
106   }
107
108   // When the user clicks anywhere outside of the modal, close it

```

The Windows taskbar at the bottom shows the Start button, a search bar, and several pinned applications including File Explorer, Microsoft Edge, and various utility icons. The system tray on the right indicates the date and time as 7:00 PM on 2021-03-28.



## Question 5

/5

**Create a custom modal window showing the text « I'm a simple modal. » that will be triggered by clicking the navigation item**

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>ans5</title>
5    <meta name="viewport" content="width=device-width, initial-scale=1">
6    <style>
7      body {font-family: Arial, Helvetica, sans-serif;}
8
9      /* The Modal (background) */
10     .modal {
11       display: none; /* Hidden by default */
12       position: fixed; /* Stay in place */
13       z-index: 1; /* Sit on top */
14       padding-top: 100px; /* Location of the box */
15       left: 0;
16       top: 0;
17       width: 100%; /* Full width */
18       height: 100%; /* Full height */
19       overflow: auto; /* Enable scroll if needed */
20     }
21
22     /* Modal Content */
23     .modal-content {
24       background-color: #fefefe;
25       margin: auto;
26       padding: 20px;
27       border: 1px solid #888;
28       width: 80%;
29     }
30
31     /* The Close Button */
32     .close {
33       color: #aaaaaa;
34       float: right;
35       font-size: 28px;

```

```

37     font-weight: bold;
38   }
39
40   .close:hover,
41   .close:focus {
42     color: #000;
43     text-decoration: none;
44     cursor: pointer;
45   }
46   #main-nav {
47     display: flex;
48     justify-content: space-between;
49     padding-top: 2rem;
50     background-color: lightblue;
51   }
52 </style>
53 </head>
54 <body>
55 <nav id="main-nav">
56   <h2>question 5</h2>
57
58   <!-- Trigger/Open The Modal -->
59   <button id="myBtn">Click here</button>
60
61   <!-- The Modal -->
62   <div id="myModal" class="modal">
63
64     <!-- Modal content -->
65     <div class="modal-content">
66       <span class="close">&times;</span>
67       <p> I am a simple modal </p>
68     </div>
69
70   </div>
71 </nav>
72

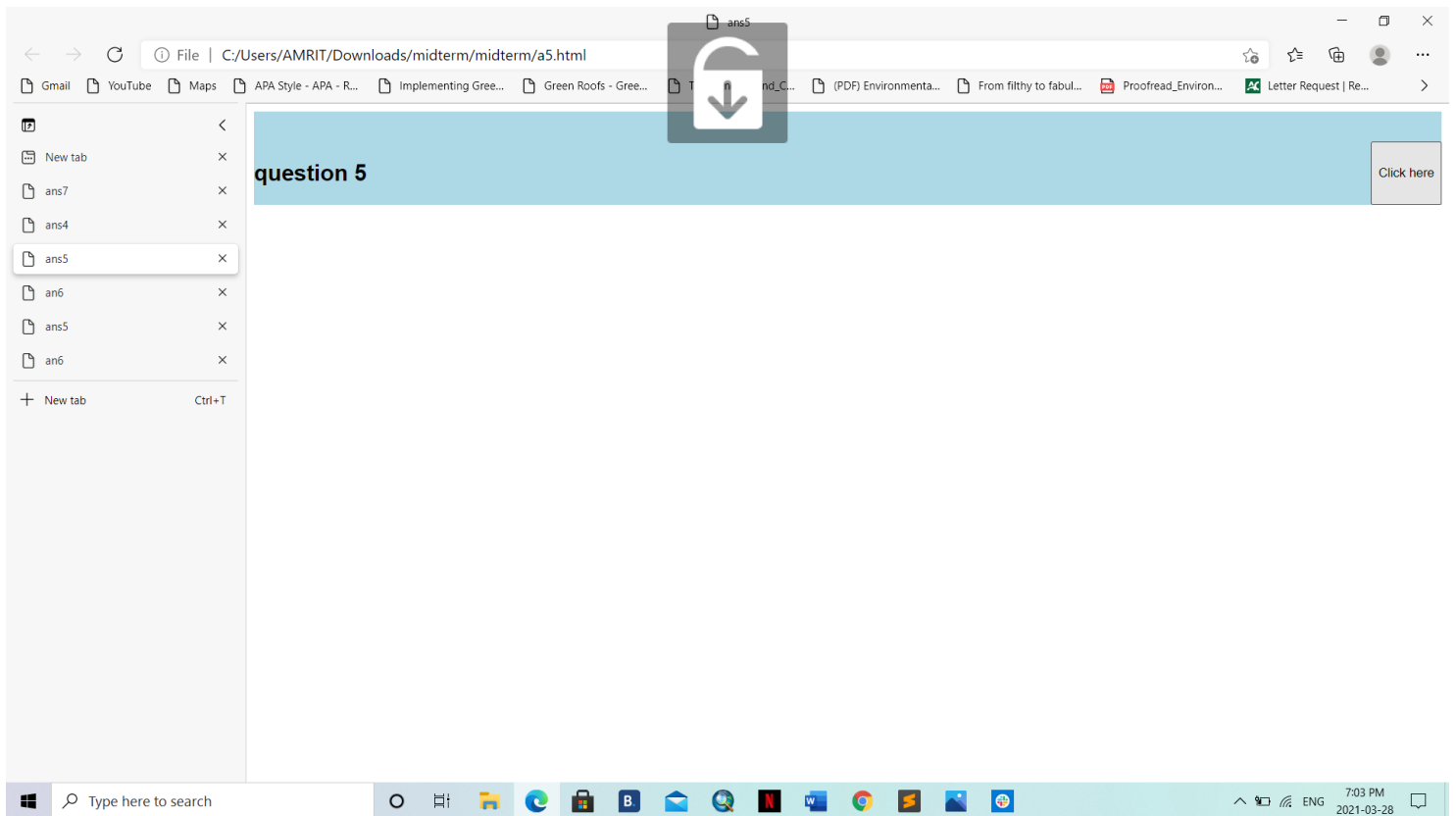
```

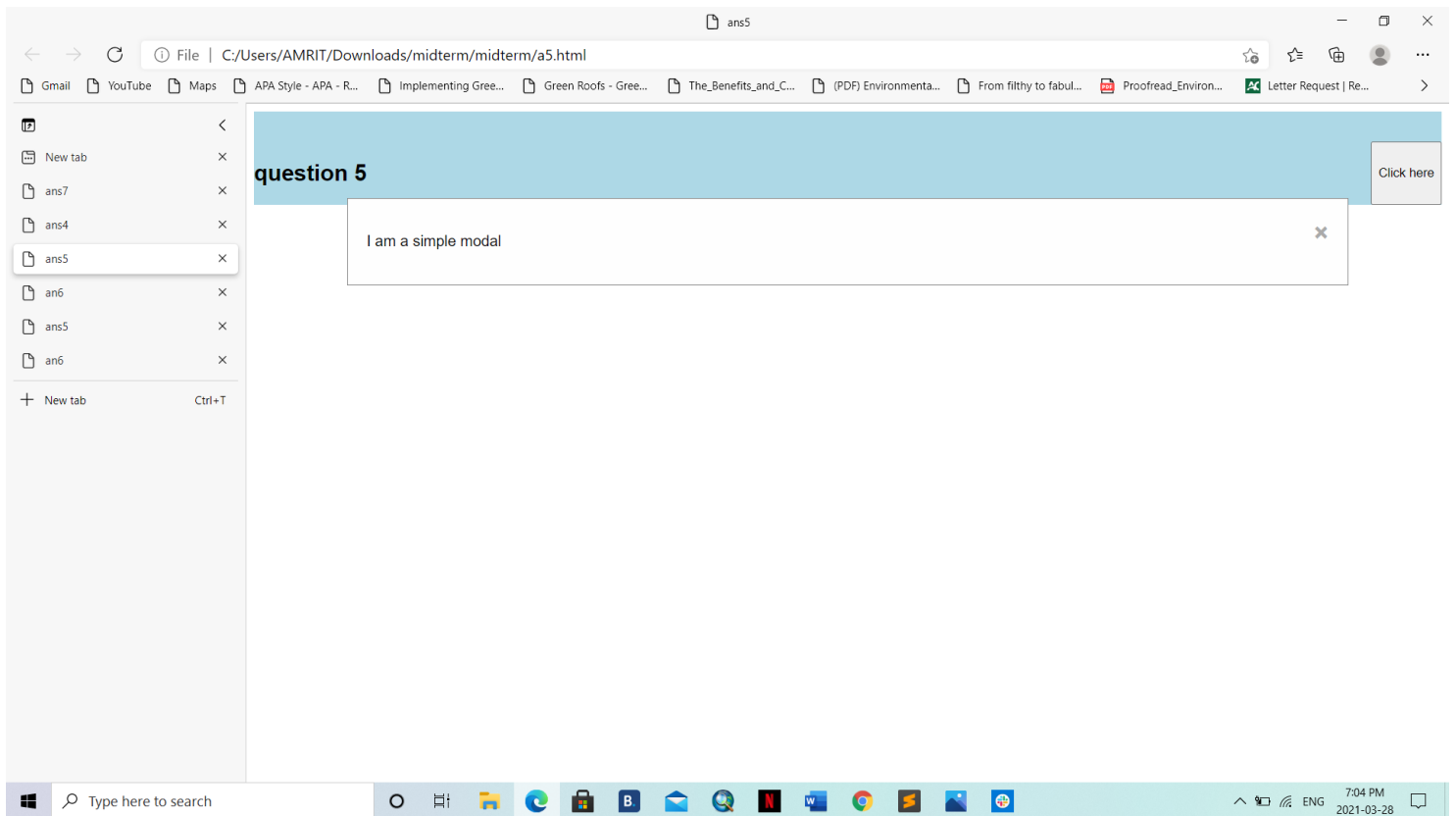
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```
71 </nav>
72
73 <script>
74 // Get the modal
75 var modal = document.getElementById("myModal");
76
77 // Get the button that opens the modal
78 var btn = document.getElementById("myBtn");
79
80 // Get the <span> element that closes the modal
81 var span = document.getElementsByClassName("close")[0];
82
83 // When the user clicks the button, open the modal
84 btn.onclick = function() {
85   modal.style.display = "block";
86 }
87
88 // When the user clicks on <span> (x), close the modal
89 span.onclick = function() {
90   modal.style.display = "none";
91 }
92
93 // When the user clicks anywhere outside of the modal, close it
94 window.onclick = function(event) {
95   if (event.target == modal) {
96     modal.style.display = "none";
97   }
98 }
99 </script>
100
101 </body>
102 </html>
103
```

Line 1, Column 1 Spaces: 2 HTML



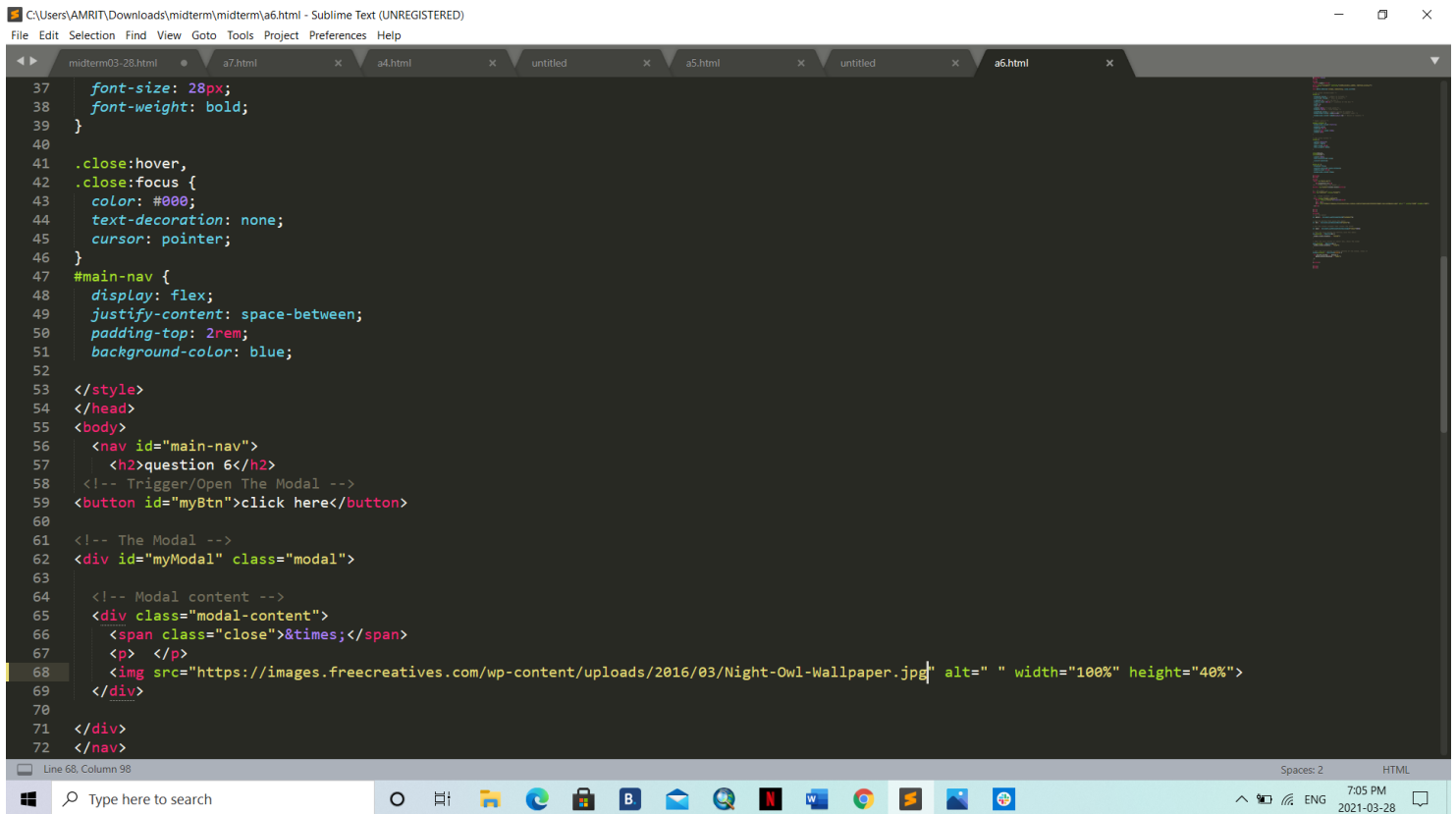


## Question 6

/5

**Create a pop-up showing a simple lightbox (fancybox) showing an image and a title that will be triggered by clicking the link**



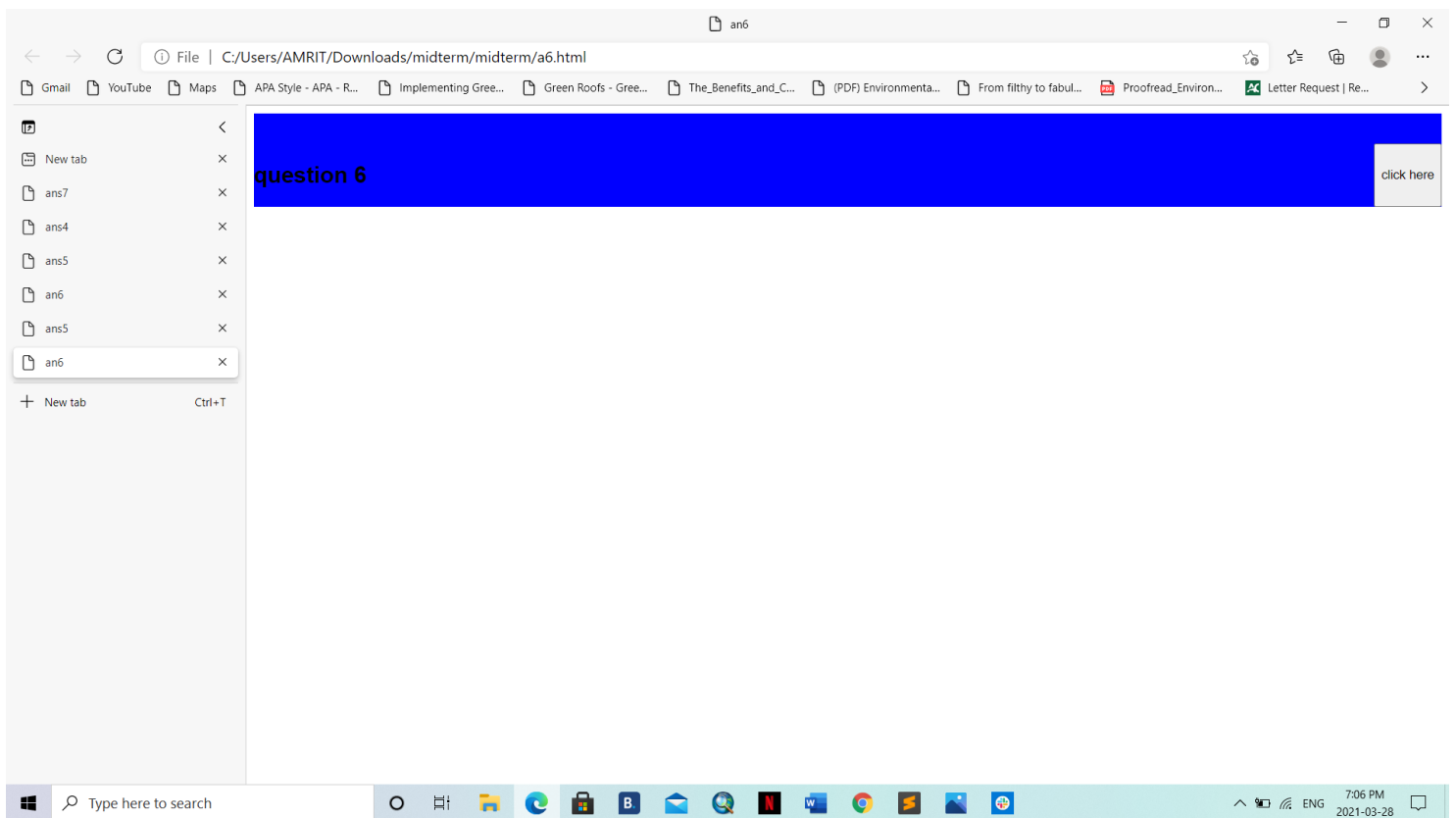


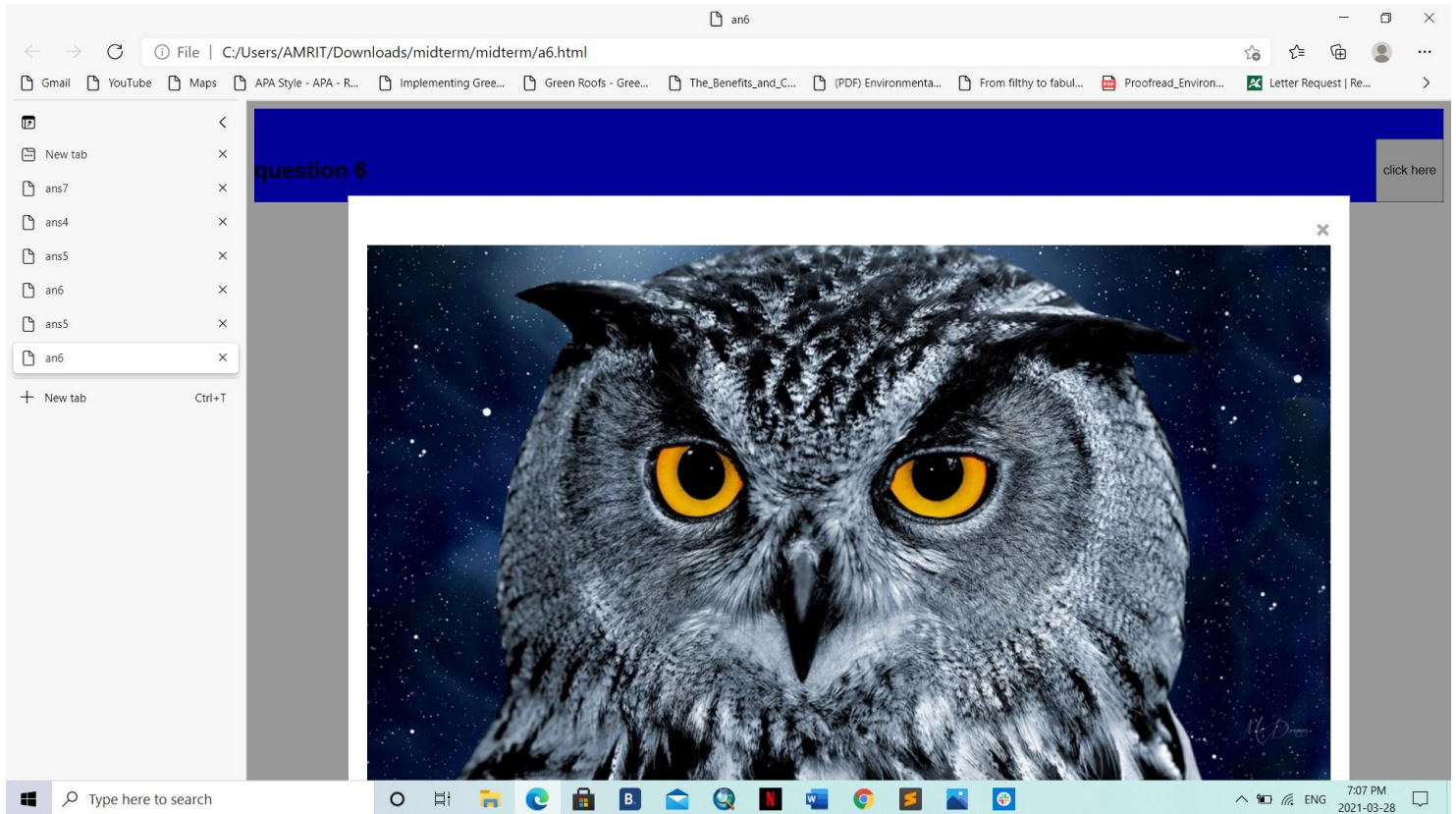
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```
72 </nav>
73 <script>
74 // Get the modal
75 var modal = document.getElementById("myModal");
76
77 // Get the button that opens the modal
78 var btn = document.getElementById("myBtn");
79
80 // Get the <span> element that closes the modal
81 var span = document.getElementsByClassName("close")[0];
82
83 // When the user clicks the button, open the modal
84 btn.onclick = function() {
85   modal.style.display = "block";
86 }
87
88 // When the user clicks on <span> (x), close the modal
89 span.onclick = function() {
90   modal.style.display = "none";
91 }
92
93 // When the user clicks anywhere outside of the modal, close it
94 window.onclick = function(event) {
95   if (event.target == modal) {
96     modal.style.display = "none";
97   }
98 }
99 </script>
100
101 </body>
102 </html>
103
```

Line 68, Column 98 Spaces: 2 HTML





## Question 7

/5

Create a new page linked to navigation item «Question 6», and integrate a slick carousel using 3 images into it.








ans7

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Question7

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Question7

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