

Name: Shubham Kumar

Roll No: 22MC3032

Branch: Mathematics & Computing

## Web Technology – Lab-1

Simple HTML elements:

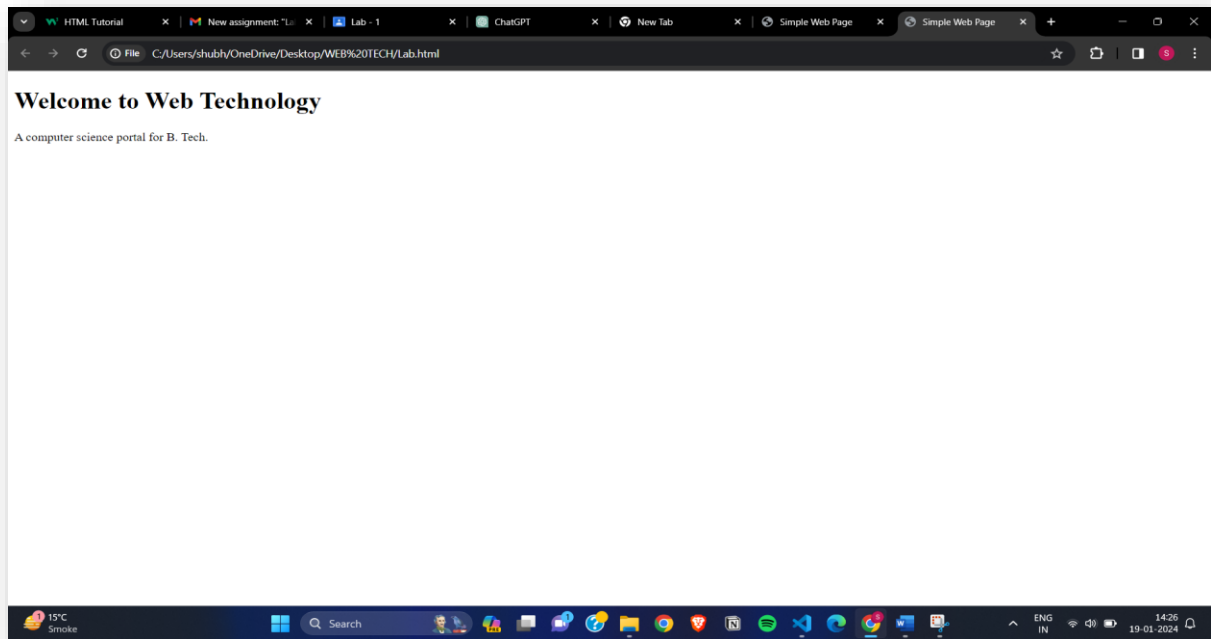
T1. Design a web page that has the following content:

Title: Simple Web Page

Heading: Welcome to Web Technology

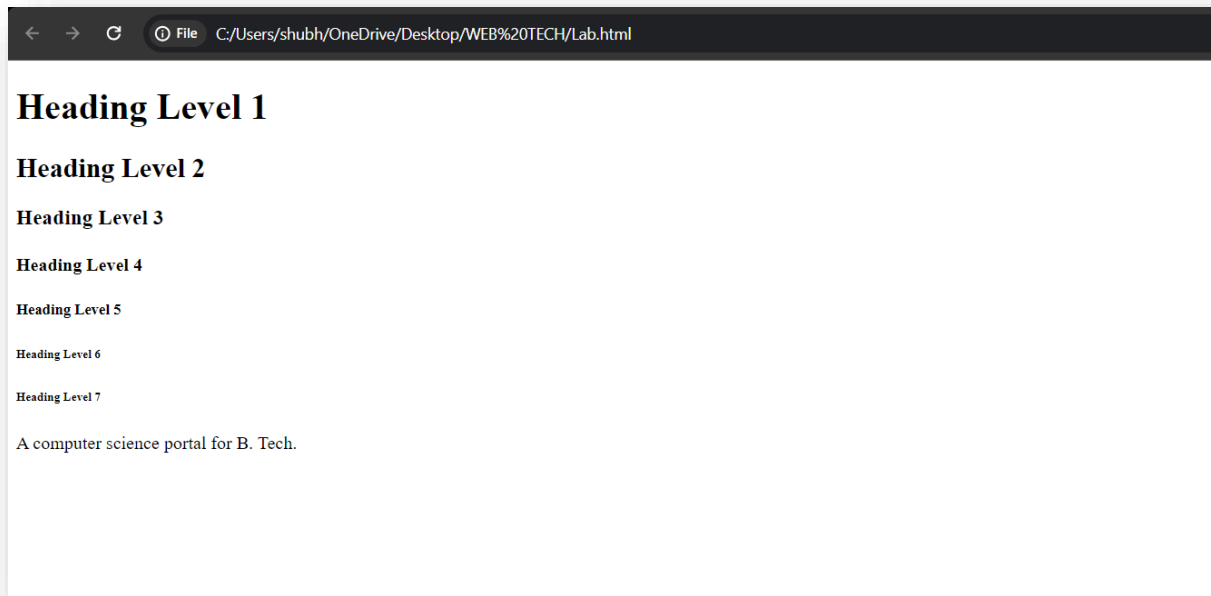
Paragraph: A computer science portal for B. Tech.

```
<> Lab.html > html > head
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <title>Simple Web Page</title>
5  |
6  |   <body>
7  |       <h1>Welcome to Web Technology</h1>
8  |       <p>A computer science portal for B. Tech.</p>
9  |   </body>
10 </html>
11
```



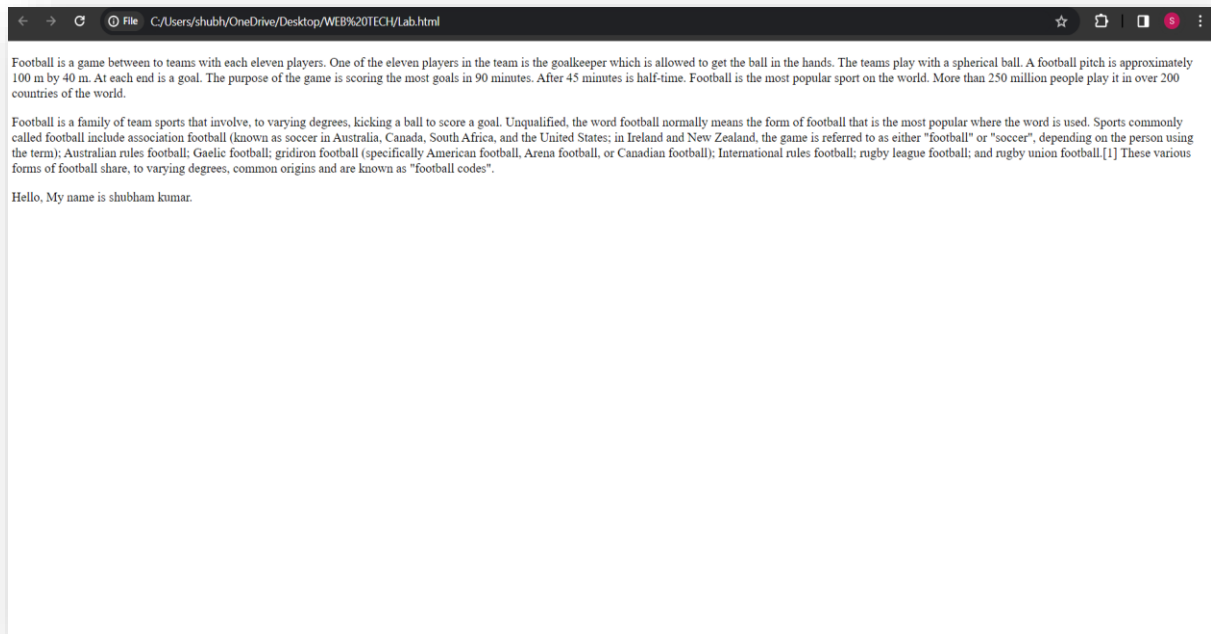
T2. For task T1, try with 7 different levels of heading.

```
<> Lab.html > html > head
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <title>Simple Web Page</title>
5  </head>
6  <body>
7  |   <h1>Heading Level 1</h1>
8  |   <h2>Heading Level 2</h2>
9  |   <h3>Heading Level 3</h3>
10 |   <h4>Heading Level 4</h4>
11 |   <h5>Heading Level 5</h5>
12 |   <h6>Heading Level 6</h6>
13 |   <h6>Heading Level 7</h6>
14 |   <p>A computer science portal for B. Tech.</p>
15 </body>
16 </html>
17
18
```



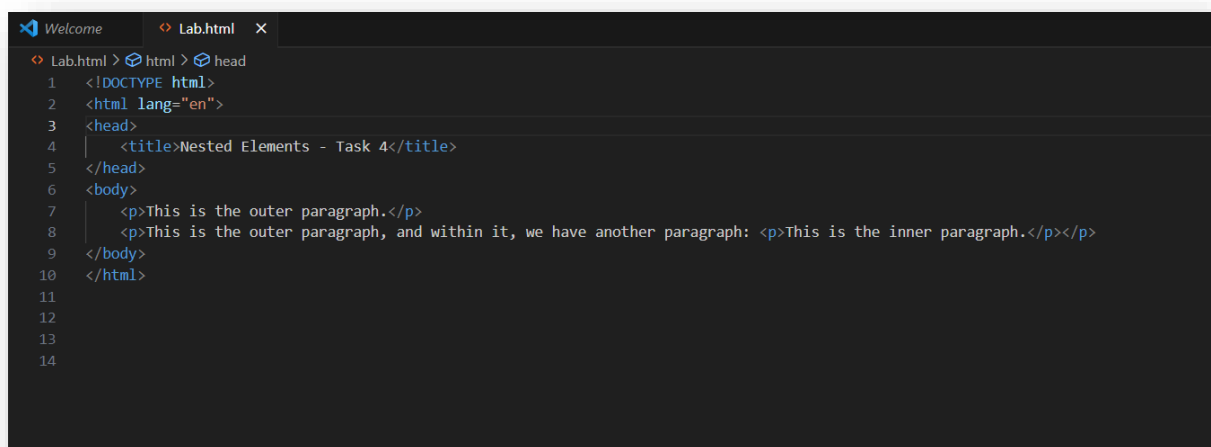
**T3. Create a html document with multiple paragraphs within the body. The content should be multiline for at least one of the paragraphs.**

```
.html > html > body > p
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Simple Web Page</title>
</head>
<body>
  <p>Football is a game between to teams with each eleven players. One of the eleven players in the team is the goalkeeper which is allowed to get
  <p>Football is a family of team sports that involve, to varying degrees, kicking a ball to score a goal. Unqualified, the word football normally
  <p>Hello, My name is shubham kumar.</p>
</body>
</html>
```



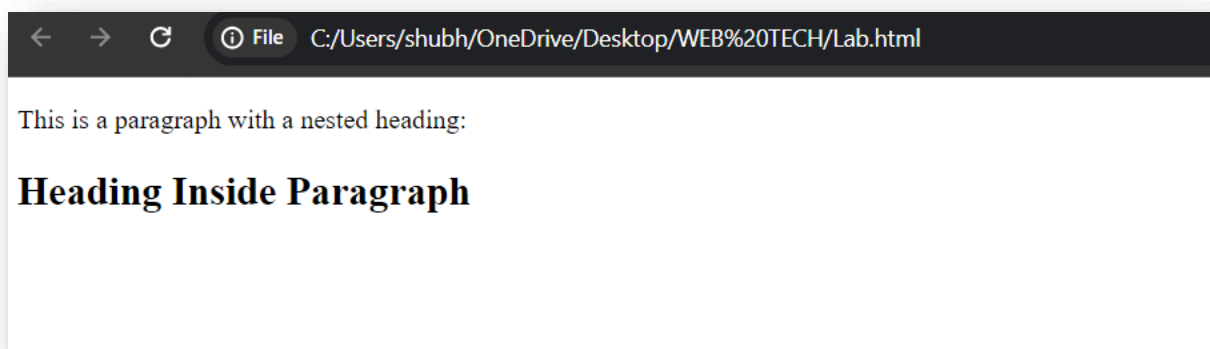
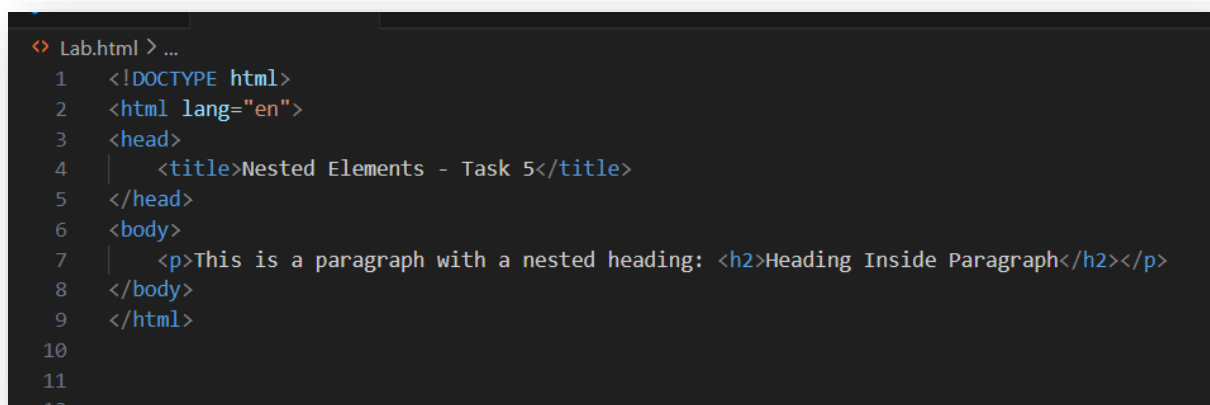
## Nested HTML elements:

### T4. Nest one paragraph within another.





**T5. Nest a heading within a paragraph.**



**T6. Nest a paragraph within a heading.**

```
Lab.html > Lab.html X
Lab.html > html > head
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Nested Elements - Task 6</title>
5 </head>
6 <body>
7   <h3>This is a heading with a nested paragraph: <p>Paragraph Inside Heading</p></h3>
8 </body>
9 </html>
10
```



T7. Nest a heading within another heading.

```
Lab.html > Lab.html X
Lab.html > html > head
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Nested Elements - Task 7</title>
5 </head>
6 <body>
7   <h4>This is the outer heading.</h4>
8   <h4>This is the outer heading, and within it, we have another heading: <h5>Inner Heading</h5></h4>
9 </body>
10 </html>
11
12
```

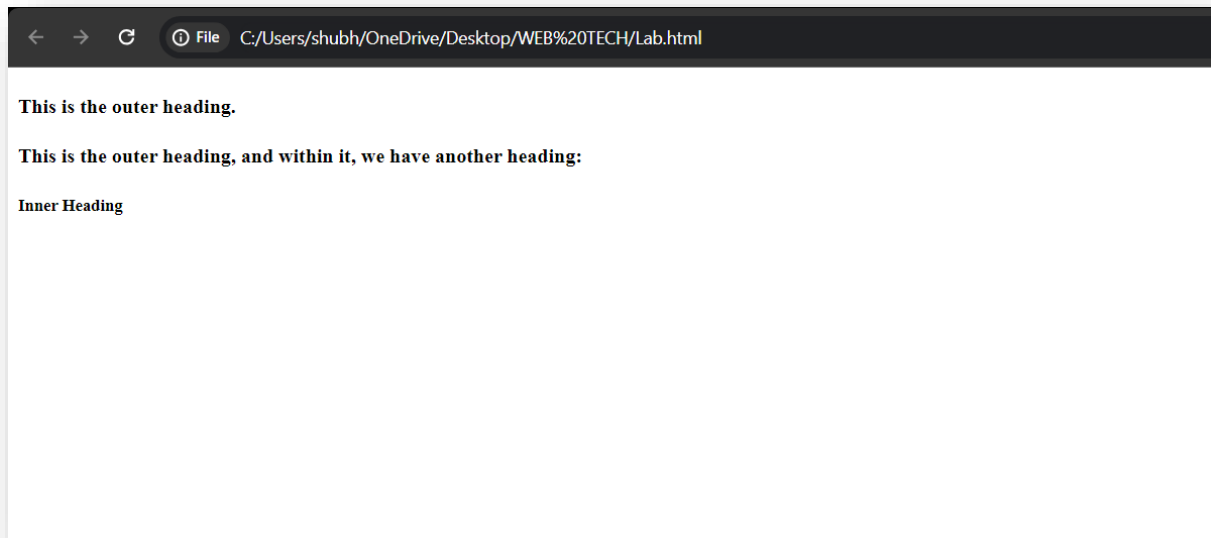
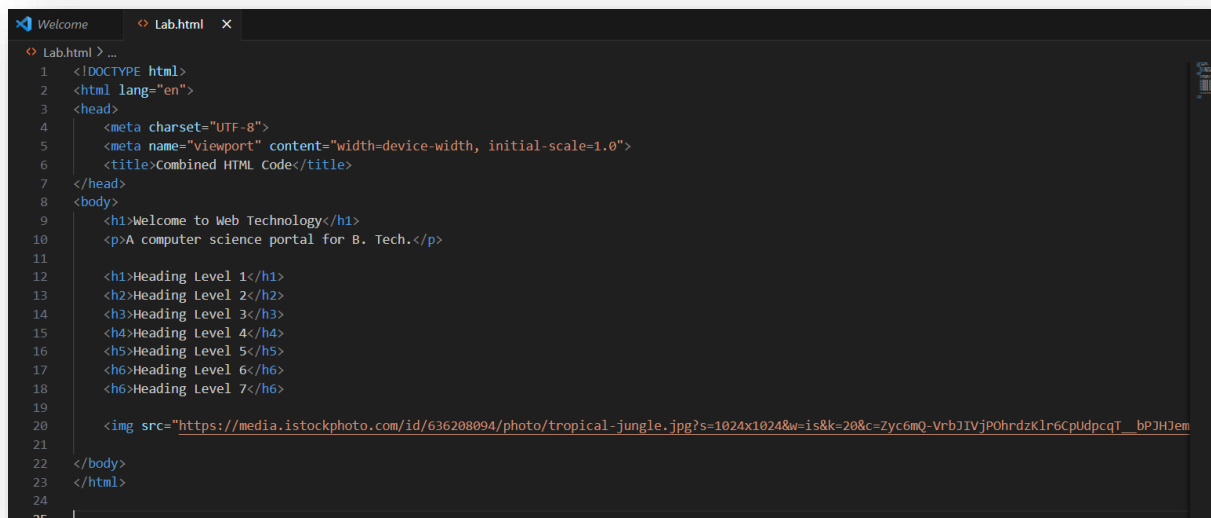
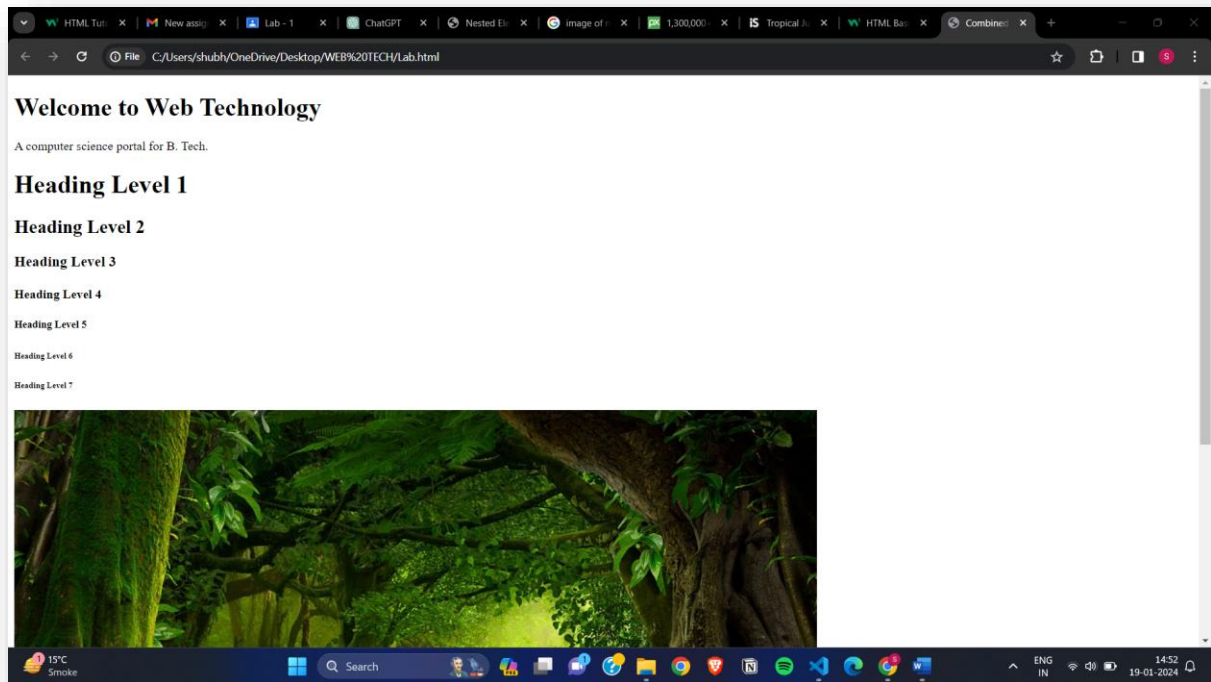


Image:

T8. Add an image to your web page.





**T9. Change the height and width of the image.**

```

Welcome  Lab.html x
Lab.html > html > body > img
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>Combined HTML Code</title>
7 </head>
8 <body>
9   <h1>Welcome to Web Technology</h1>
10  <p>A computer science portal for B. Tech.</p>
11
12  <h1>Heading Level 1</h1>
13  <h2>Heading Level 2</h2>
14  <h3>Heading Level 3</h3>
15  <h4>Heading Level 4</h4>
16  <h5>Heading Level 5</h5>
17  <h6>Heading Level 6</h6>
18  <h6>Heading Level 7</h6>
19  
20 </body>
21 </html>
22

```



