

HTML Lab Exercise 1

1. Create a webpage that prints your name to the screen.

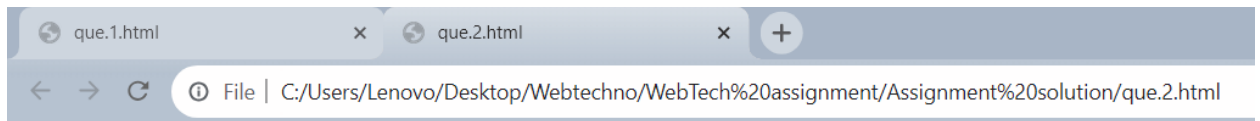
```
File Edit View
<html>
<head>
<body><h1> My name is somanshu rajak
</body>
</head>
</html>
```



My name is somanshu rajak

2. Create a webpage that prints the numbers 1 - 10 to the screen.

```
File Edit View
<html>
<head>
<h1> Printing numbers 1 to 10
<body> <br> 1 <br> 2 <br> 3 <br> 4 <br> 5 <br> 6 <br> 7 <br> 8 <br> 9 <br> 10 <br>
</body>
</head>
</html>
```

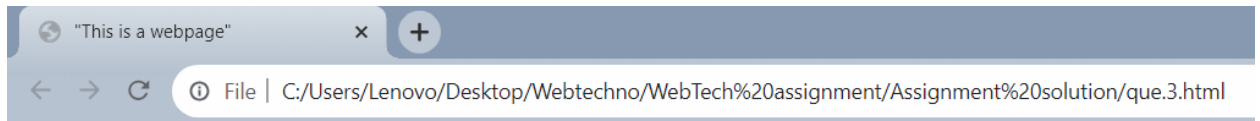


Printing numbers 1 to 10

1
2
3
4
5
6
7
8
9
10

3. Create a webpage and set its title to "This is a webpage".

```
<html>
<head>
<title> "This is a webpage"
</title>
<body> <h1> Printing numbers 1 to 10
<body> <br> 1 <br> 2 <br> 3 <br> 4 <br> 5 <br> 6 <br> 7 <br> 8 <br> 9 <br> 10 <br>
</body>
</head>
</html>
```



Printing numbers 1 to 10

1
2
3
4
5
6
7
8
9
10

4. Create a webpage that prints the message "When was this webpage created? Check page's title for the answer." to the screen, and set the title of the page to the current date.

```
que.1.html | que.2.html | • | que.3.html | que.4.html X
File Edit View
<html>
<head>
<title> "Date 04-11-2023"
</title>
<body> <h1> <b> "When was this webpage created?<br>
<a href="#top" >Check page's title for the answer| </a>
</body>
</head>
</html>
```



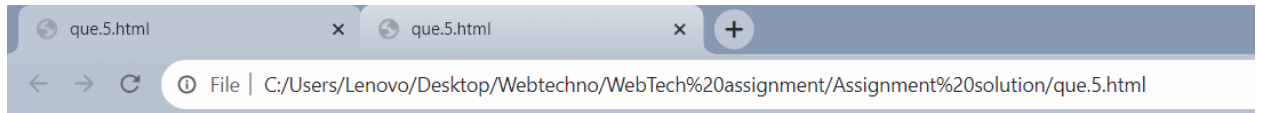
"When was this webpage created?"

[Check page's title for the answer](#)

5. Create a webpage that prints any text of your choosing to the screen, do not include a head section in the code.

A screenshot of a code editor with multiple tabs labeled que.1.html, que.2.html, que.3.html, que.4.html, and que.5.html. The active tab is que.5.html. The code editor shows the following HTML code:

```
<html>
<body> <h1> <b> "Head section is not included in this web page "<br>
</body>
</html>
```

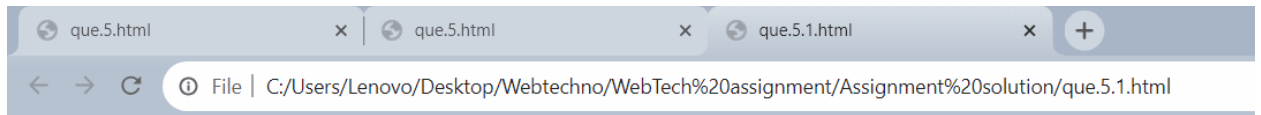


"Head section is not included in this web page "

6. Repeat exercise #5, but this time include a head section in the code.

A screenshot of a code editor window with multiple tabs. The active tab is 'que.5.1.html'. The code editor shows the following HTML code:

```
<html>
<head><h1> Including head section
<body> <h2> <b> "Head section is included in this web page "<br>
</body>
</head>
</html>
```



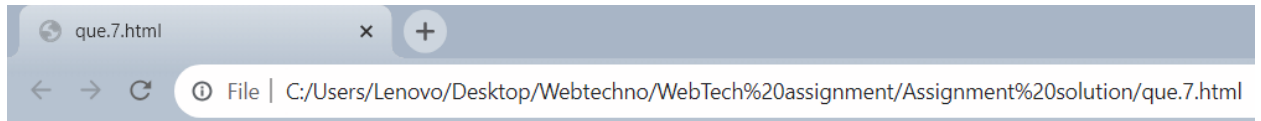
Including head section

"Head section is included in this web page "

7. Print the squares of the numbers 1 - 20. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result. (Example: $10^2 = 100$)

```
que.1.html  que.2.html  •  que.7.html  •  que.3.html  que.4.html
File Edit View

<html>
<head>
<h1> Printing Square of numbers 1 to 20
<body> <br>
1 <sup>2</sup> =1 <br>
2 <sup>2</sup> =4 <br>
3 <sup>2</sup> =9 <br>
4 <sup>2</sup> = 16 <br>
5 <sup>2</sup> = 25 <br>
6 <sup>2</sup> = 36 <br>
7 <sup>2</sup> = 49 <br>
8 <sup>2</sup> = 64 <br>
9 <sup>2</sup> = 81 <br>
10 <sup>2</sup> = 100 <br>
11 <sup>2</sup> =121 <br>
12 <sup>2</sup> =144 <br>
13 <sup>2</sup> =169 <br>
14 <sup>2</sup> =196 <br>
15 <sup>2</sup> =225 <br>
16 <sup>2</sup> =256 <br>
17 <sup>2</sup> =289 <br>
18 <sup>2</sup> =324 <br>
19 <sup>2</sup> =361 <br>
20 <sup>2</sup> =400 <br>
</body>
</head>
</html>
```

Printing Square of numbers 1 to 20

$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

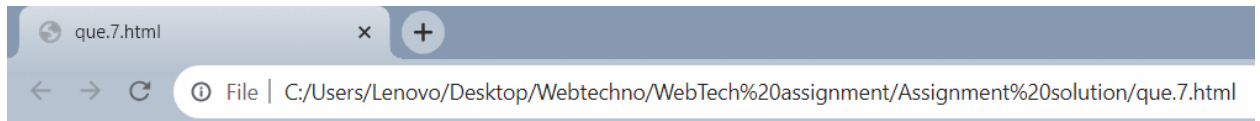
$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

Close



$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

$$11^2 = 121$$

$$12^2 = 144$$

$$13^2 = 169$$

$$14^2 = 196$$

$$15^2 = 225$$

$$16^2 = 256$$

$$17^2 = 289$$

$$18^2 = 324$$

$$19^2 = 361$$

$$20^2 = 400$$

8. Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list. (Example: Alan₁). Print first, the unalphabetized list with a subscript number next to each name, then the

alphabetized list. Both lists should have an <h1> level heading.

Unalphabetized list

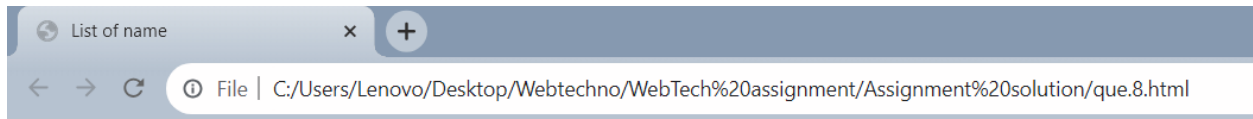
John₉
Mary₅
Peter₃
Hary₇
Hardy₄
Tiag
Michael₉
Johny₆
C₁
Paty₂
William₁₀

Alphabetized list

Hardy
Hary
John
Johny
Mary
Michael
Paty
Pery
Peter
William

```
que.1.html | que.2.html | que.7.html | que.3.html | que.4.html | que.5.html
File Edit View

<html>
<head> <title> List of name </title>
<h1> List of name unalphabetic
</head>
<body>
<h2></h2>
    <li>Somanshu <sub>1</sub> </li>
    <li>Shubham <sub>2</sub></li>
    <li>Sagar <sub>3</sub> </li>
    <li>Simon <sub>4</sub> </li>
    <li>Saurabh <sub>5</sub> </li>
    <li>mayank <sub>6</sub> </li>
    <li>yash <sub>7</sub></li>
    <li>nikhil <sub>8</sub> </li>
    <li>Swapnil <sub>9</sub> </li>
    <li>manav <sub>10</sub> </li>
</head>
<h1> List of name alphabetic
</head>
<h2> </h2>
    <li>pragati </li>
    <li>Shubhangi </li>
    <li>Sana </li>
    <li>Simmi </li>
    <li>jyotsana </li>
    <li>maithili </li>
    <li>yashsavi </li>
    <li>nikita </li>
    <li>Shraddha </li>
    <li>manavi </li>
</body>
</html>
```



List of name unalphabetic

- Somanshu ₁
- Shubham ₂
- Sagar ₃
- Simon ₄
- Saurabh ₅
- mayank ₆
- yash ₇
- nikhil ₈
- Swapnil ₉
- manav ₁₀

List of name alphabetic

- pragati
- Shubhangi
- Sana
- Simmi
- jyotsana
- maithili
- yashsavi
- nikita
- Shraddha
- manavi

9. Print two paragraphs that are both indented using the ` ` command.

[illegible]



Printing two paragraphs

first paragraph-

HyperText Markup Language (HTML) is the set of markup symbols or codes inserted into a file intended for display on the Internet. The markup tells web browsers how to display a web page's words and images..

second paragraph-

JavaScript is a scripting language that enables you to create dynamically updating content, control multimedia, animate images, and pretty much everything else. (Okay, not everything, but it is amazing what you can achieve with a few lines of JavaScript code.)

10. Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.

```
que.1.html | que.2.htm • | que.7.htr • | que.3.html | que.4.html | que.5.htm • | que.5.1.html | da 5.html | day3.html
File Edit View

<html>
<head>
<title> List </title>
</head>
<body>
<h2> this is the ordered list</h2>
<ol type="a">
  <li>iphone 14</li>
  <li>airpods</li>
  <li>cable</li>
  <li>Adpator</li>
  <li>Extender</li>
  <li>airtag</li>
  <li>ipad</li>
</ol>
<h2> this is the unordered list </h2>
<ul type="dots">
  <li>samsung s23</li>
  <li>earbud</li>
  <li>cable c</li>
  <li>Adpator</li>
  <li>wireless btspeaker</li>
  <li>smart watch</li>
  <li>tablate</li>
</ul></body></html>
```

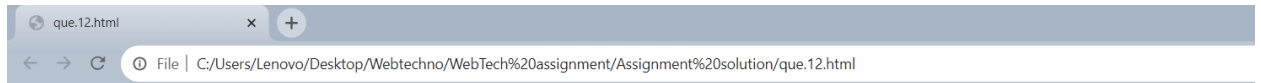



Java is a multi-platform, object-oriented, and network-centric language that can be used as a platform in itself. It is a fast, secure, reliable programming language for coding everything from mobile apps and enterprise software to big data applications and server-side technologies.

12. Print some preformatted text of your choice.

```
que.1.html | que.2.hti • | que.7.hti • | que.3.html | que.4.html | que.5.hti • | que.5.1.html | da 5.html | day3.html | que.10.html | que.11.ht •
File Edit View

<html>
<head>
<h1> Printing preformated text in body
</head>
<body>
<pre><h2><b><i> My name is Somanshu Rajak and I am an Engineer <br>
pursuing my pg-dac course from cdac-noida</pre>
</body>
</html>
```



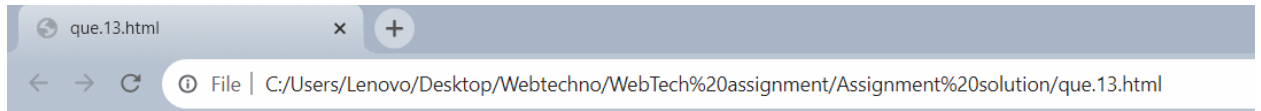
Printing preformatted text in body

*My name is Somanshu Rajak and I am an Engineer
pursuing my pg-dac course from cdac-noida*

13. Print a definition list with 5 items.

```
<html>
<head> <h1>List webtech languages
</head> <h2>
<dl>
<dt> Programming language list </dt>
<dd> Java </dd>
<dd> python </dd>
<dd> c++ </dd>
<dd> Javascript </dd>
<dd> html </dd>
</dl>
</body>
</dl>
</body>

</html>
```



List webtech languages

Programming language list

Java

python

c++

Javascript

html

14. Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent.

```
<html>
<head> <h1>List ten acronyms and abbreviations
</head> <h2>
<body> abbreviations<br>
<abbr title="Information">Info</abbr><br><br>
<abbr title="Technology">Tech</abbr><br><br>
<abbr title="Approximate">Approx</abbr><br><br>
<abbr title="Department">Dept</abbr><br><br>
<abbr title="Hours">Hrs</abbr><br><br>
<abbr title="minutes">Min</abbr><br><br>
<abbr title="seconds">Sec</abbr><br><br>
<abbr title="Months">Mon</abbr><br><br>
<abbr title="private">PVT</abbr><br><br>
<abbr title="Government">Govt</abbr><br><br><br><br>
  acronyms<br><h2>
<acronym title="Random Access Memory">RAM</acronym><br><br>
<acronym title="Read Only Memory">ROM</acronym><br><br>
<acronym title="Radio Detection and Ranging">RADAR</acronym><br><br>
<acronym title="National Aeronautics and Space Administration">NASA</acronym><br><br>
<acronym title="Zone Improvement Plan">PIN</acronym><br><br>
<acronym title="Personal Identification Number">PIN</acronym><br><br>
<acronym title="Fear of missing out">FOMO</acronym><br><br>
<acronym title="As soon as possible">ASAP</acronym><br><br>
<acronym title="You only live once">YOLO</acronym><br><br>
<acronym title="Laugh out loud">LOL</acronym><br><br>
</body></html>
```



List ten acronyms and abbreviations

abbreviations

Info

Tech

Approx

Dept

Hrs

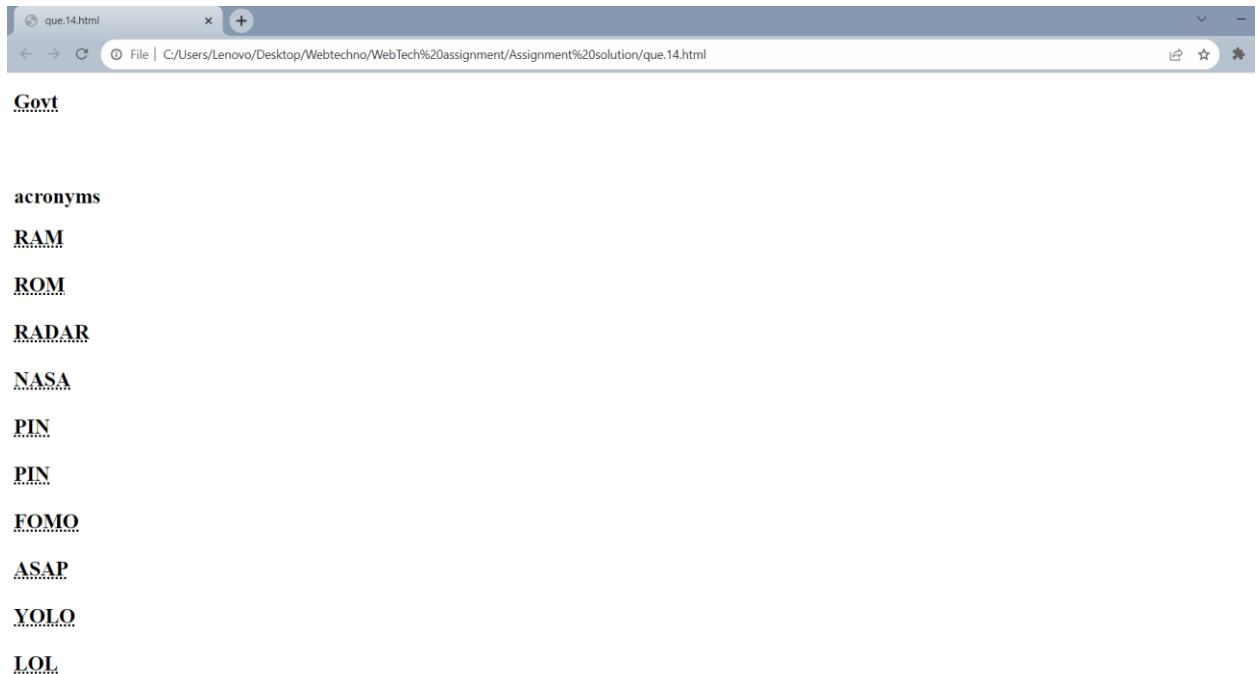
Min

Sec

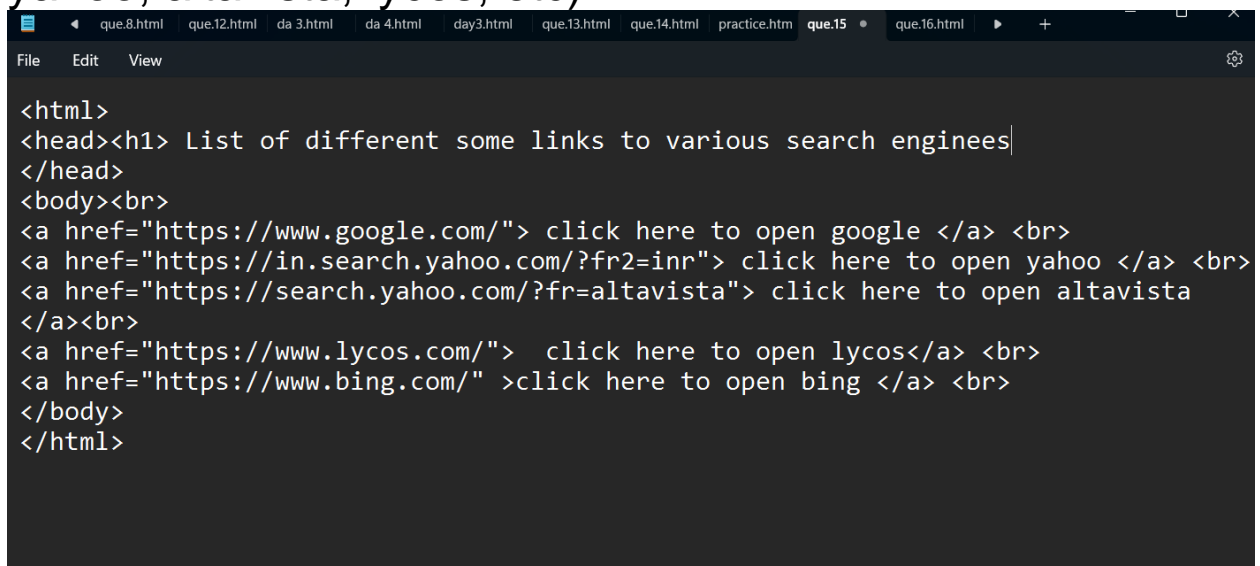
Mon

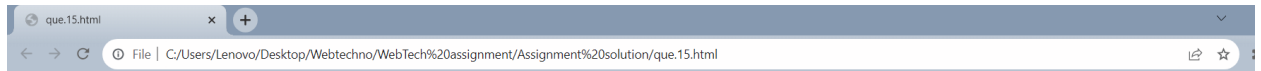
PVT

Govt



15. Create some links to various search engines (google, yahoo, altavista, lycos, etc).





List of different some links to various search engines

[click here to open google](#)

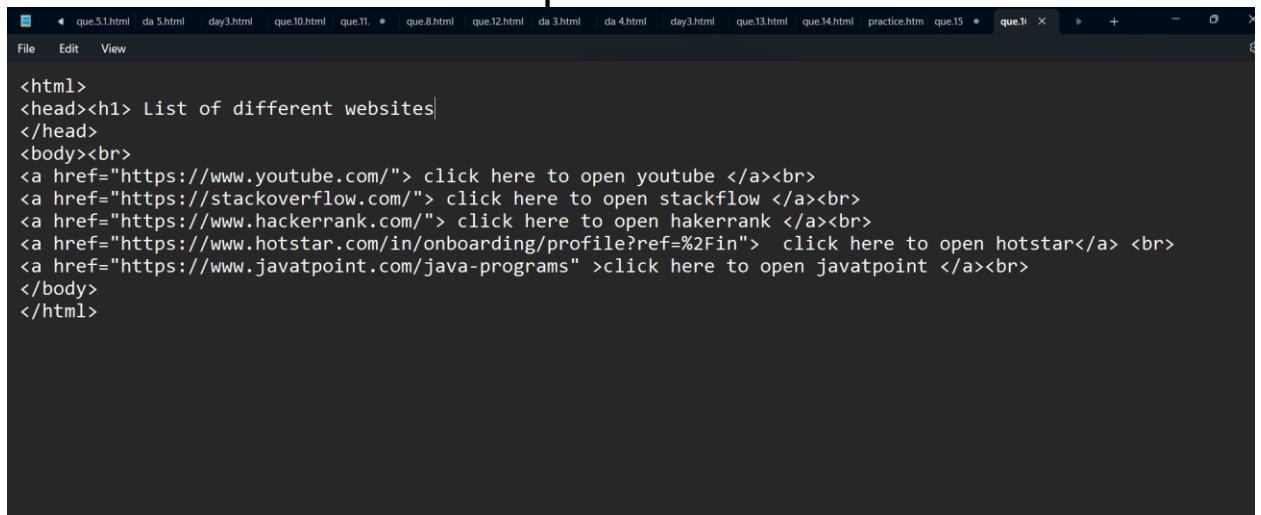
[click here to open yahoo](#)

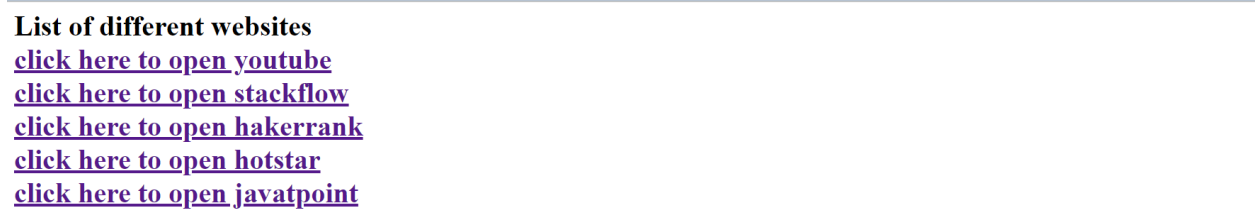
[click here to open altavista](#)

[click here to open lycos](#)

[click here to open bing](#)

16. Create links to five different pages on five different websites that should all open in a new window.





- [illegible]



Click [here](#) to jump to the bottom of the page.

Click [here](#) to jump to the top of the page.

18. Display five different images. Skip two lines between each image. Each image should have a title.

```
File Edit View
<html>
<head>
<title>image gallery</title>
</head>

<body >
<h2>image gallery<h2>










</body>
</html>
```




19. Display an image that has a width of 200, and a height of 200.

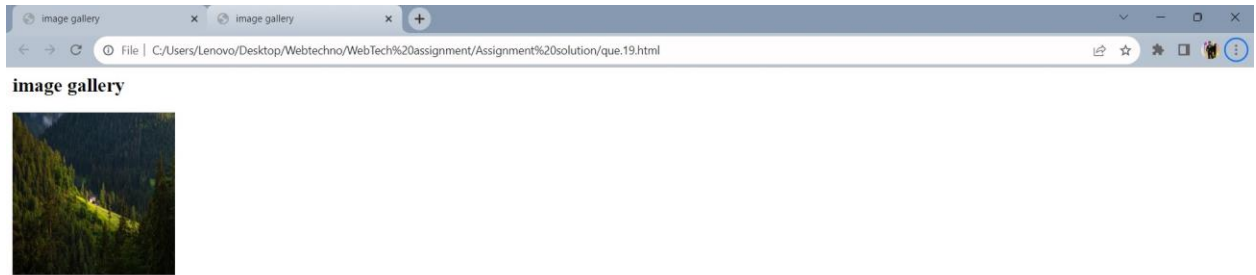
```
File Edit View

<html>
<head>
<title>image gallery</title>
</head>

<body >
<h2>image gallery<h2>

</body>
</html>

Ln 8, Col 74 100% Windows (CRLF) UTF-8
```

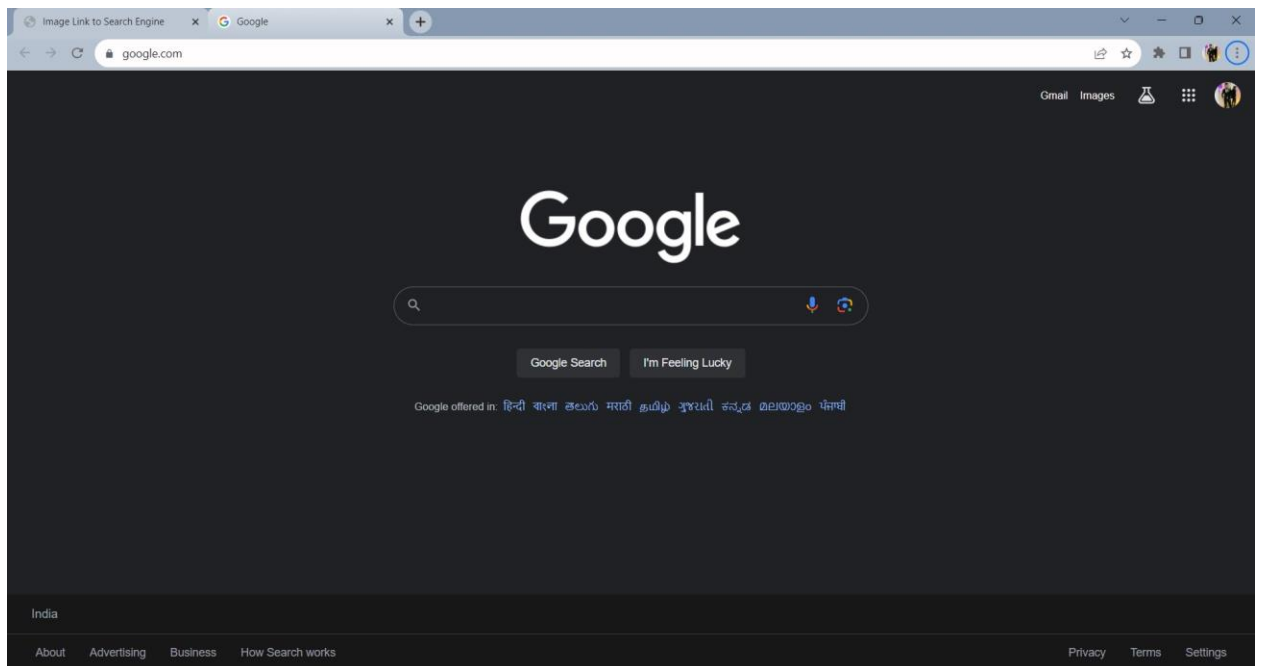


20. Display an image that when clicked will link to a search engine of your choice (should be opened in a new window).

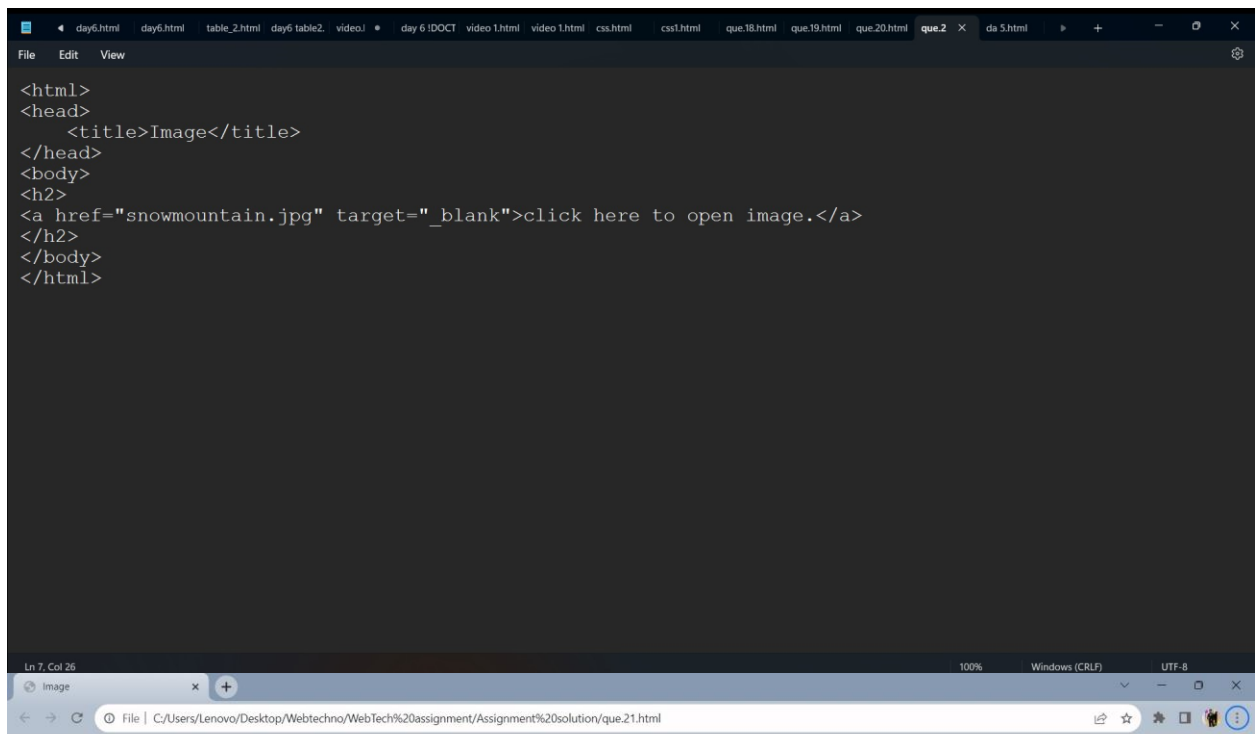
```
File Edit View

<html>
<head>
  <title>Image Link to Search Engine</title>
</head>
<body>
<h2> Image Link to Search Engine </h>|
  <a href="http://www.google.com" target="_blank">
</a>
</body>
</html>
```

Ln 7, Col 38 100% Windows (CRLF) UTF-8



21. Display an image that when clicked will link to itself and will display the image in the browser by itself.



[click here to open image.](#)

