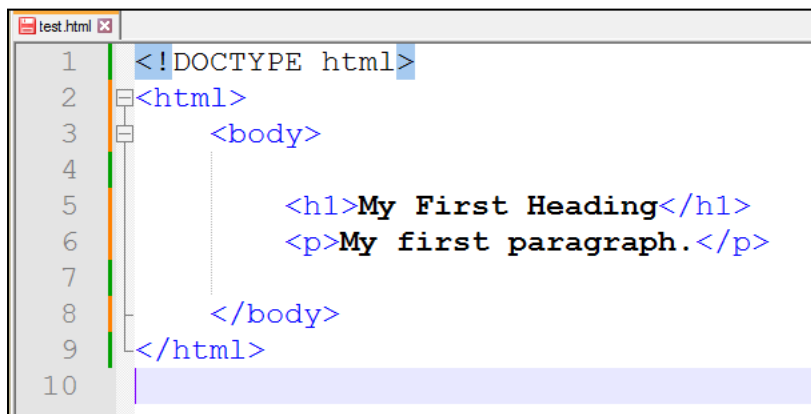


- Download and install notepad++ using <https://notepad-plus-plus.org/downloads/>
- Open notepad++
- Create a new file and save as test.html

## ● **HTML Documents**



```
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <h1>My First Heading</h1>
5     <p>My first paragraph.</p>
6   </body>
7 </html>
```

## My First Heading

My first paragraph.

- **<!DOCTYPE html>**
  - All HTML documents must start with a document type declaration.
  - IT represents the document type, and helps browsers to display web pages correctly.
  - It must only appear once, at the top of the page.
- **<html> </html>**
  - The HTML document itself begins with **<html>** and ends with **</html>**.
- **<head> </head>**
  - It contains machine-readable information (metadata) about the document, like its **title, scripts, and style sheets**.
- **<title> </title>**
  - It defines the title of the document.
- **<body> </body>**
  - The visible part of the HTML document is between **<body>** and **</body>**.

- **<h1> </h1>**
  - HTML headings are titles or subtitles that you want to display on a webpage.
  - HTML headings are defined with the <h1> to <h6> tags.
  - <h1> defines the most important heading. <h6> defines the least important heading.
- **<p> </p>**
  - A paragraph always starts on a new line, and is usually a block of text.

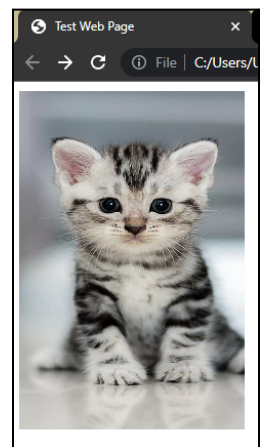
## ● HTML Links

```
test.html x
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Test Web Page</title>
5  </head>
6  <body>
7
8      <a href="https://www.google.com">Google</a>
9
10 </body>
11 </html>
12
```

- HTML links are defined with the <a> tag
- The link's destination is specified in the href attribute.
- Attributes are used to provide additional information about HTML elements.

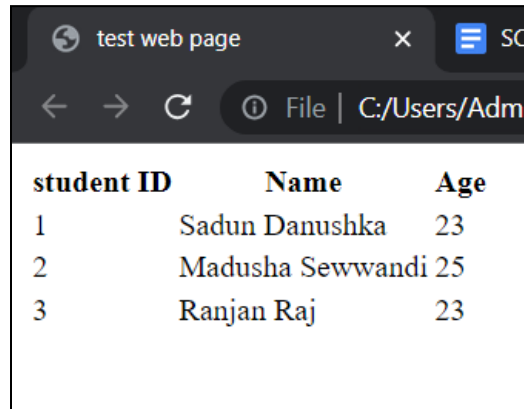
## ● HTML images

```
test.html x
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Test Web Page</title>
5  </head>
6  <body>
7
8      
9
10 </body>
11 </html>
12
```



## ● HTML tables

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>test web page</title>
5 </head>
6 <body>
7   <table>
8     <tr>
9       <th>student ID</th>
10      <th>Name</th>
11      <th>Age</th>
12    </tr>
13    <tr>
14      <td>1</td>
15      <td>Sadun Danushka</td>
16      <td>23</td>
17    </tr>
18    <tr>
19      <td>2</td>
20      <td>Madusha Sewwandi</td>
21      <td>25</td>
22    </tr>
23    <tr>
24      <td>3</td>
25      <td>Ranjan Raj</td>
26      <td>23</td>
27    </tr>
28  </table>
29 </body>
30 </html>
```



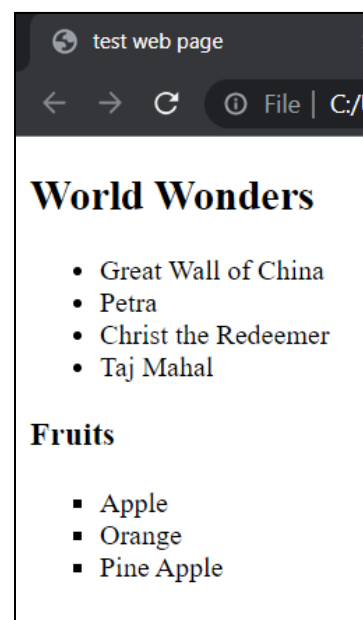
The screenshot shows a web browser window with the title 'test web page'. The address bar shows the file path 'C:/Users/Admini...'. The main content area displays a table with three columns: 'student ID', 'Name', and 'Age'. The table contains three rows of data.

student ID	Name	Age
1	Sadun Danushka	23
2	Madusha Sewwandi	25
3	Ranjan Raj	23

## ● HTML lists

### ● Unordered lists

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>test web page</title>
5 </head>
6 <body>
7   <h2>World Wonders</h2>
8
9   <ul>
10    <li>Great Wall of China</li>
11    <li>Petra</li>
12    <li>Christ the Redeemer</li>
13    <li>Taj Mahal</li>
14  </ul>
15
16  <h3>Fruits</h3>
17  <ul style="list-style-type: square;">
18    <li>Apple</li>
19    <li>Orange</li>
20    <li>Pine Apple</li>
21  </ul>
22
23 </body>
24 </html>
```



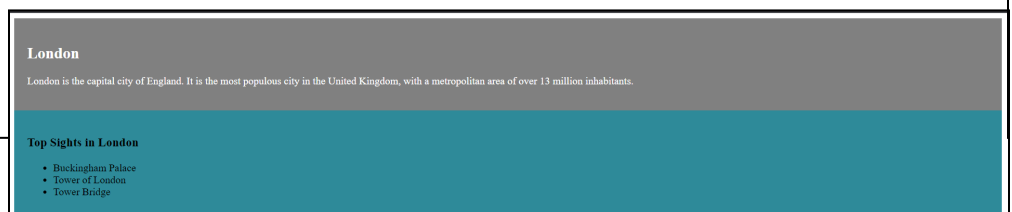
## • Ordered lists

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>test web page</title>
5 </head>
6 <body>
7   <h2>World Wonders</h2>
8   <ol>
9     <li>Great Wall of China</li>
10    <li>Petra</li>
11    <li>Taj Mahal</li>
12  </ol>
13
14  <h3>Fruits</h3>
15  <ol type="i">
16    <li>Apple</li>
17    <li>Orange</li>
18    <li>Pine Apple</li>
19  </ol>
20
21  <h4>Colors</h4>
22  <ol type="a">
23    <li>Red</li>
24    <li>Green</li>
25    <li>Yellow</li>
26  </ol>
27 </body>
28 </html>
```



## • HTML <div> element

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>test web page</title>
5 </head>
6 <body>
7   <div style="background-color:grey;color:white;padding:20px;">
8     <h2>London</h2>
9     <p>London is the capital city of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.</p>
10  </div>
11
12  <div style="background-color:#2E8A99;color:black;padding:20px;">
13    <h3>Top Sights in London</h3>
14    <ul>
15      <li>Buckingham Palace</li>
16      <li>Tower of London</li>
17      <li>Tower Bridge</li>
18    </ul>
19  </div>
20 </body>
21 </html>
```



## ● HTML forms

```
6 <body>
7   <div>
8     <form>
9       <fieldset style="background: #ECF8F9;">
10        <legend>Registration form</legend>
11        <label>First Name : </label>
12        <input type="text" name="fname" placeholder="Enter Your First Name"/><br><br>
13        <label>Last Name : </label>
14        <input type="text" name="lname" placeholder="Enter Your Last Name"/><br><br>
15        <label>Email : </label>
16        <input type="text" name="lname" placeholder="Enter Your Email"/><br><br>
17        <label>Gender : </label>
18        <input type="radio" name="gender" value="male" checked> Male
19        <input type="radio" name="gender" value="female">Female<br><br>
20        <label>Address : </label>
21        <textarea placeholder="Enter Your Address"></textarea><br><br>
22        <label>Select Courses: </label><br><br>
23        <input type="checkbox" name="course1" value="cs">Computer Science<br><br>
24        <input type="checkbox" name="course2" value="cs">Information System<br><br>
25        <input type="checkbox" name="course3" value="cs">Software Engineering<br><br>
26        <input type="submit" name="SUBMIT" value="SUBMIT" /><br><br>
27      </fieldset>
28    </form>
29  </div>
30
31 </body>
```

Registration form

First Name :

Last Name :

Email :

Gender : ☒ Male ☐ Female

Address :

Select Courses:

☐ Computer Science

☐ Information System

☐ Software Engineering

```
<div>
  <form>
    <fieldset style="background: #ECF8F9;">
      <legend>Login</legend>
      <label>User Name :</label>
      <input type="text" name="uname" placeholder="Enter Your User Name"/><br><br>
      <label>Password :</label>
      <input type="password" name="Password" placeholder="Enter Your Password"/><br><br>
      <input type="submit" name="LOGIN" value="LOGIN"/><br><br>
    </fieldset>
  </form>
</div>
```

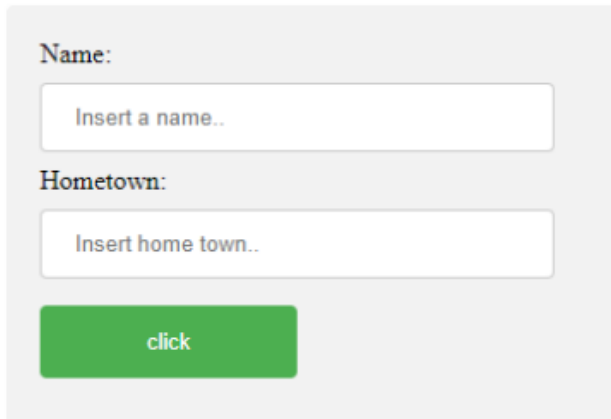
Login

User Name :

Password :

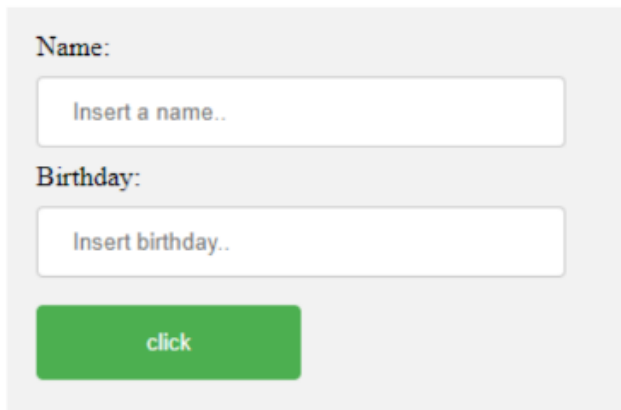
## Home Work

1. Create a form to insert name and hometown using HTML and CSS



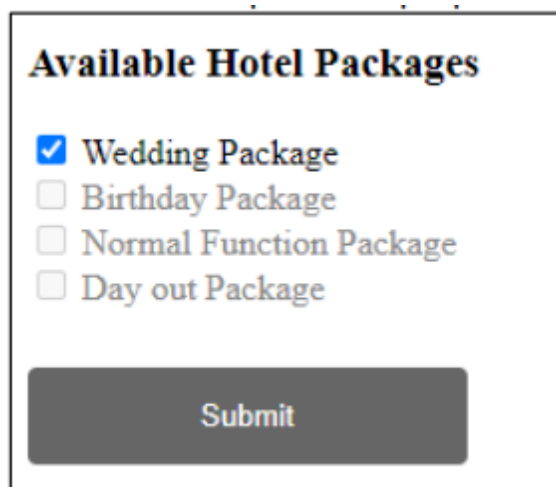
A form with a light gray background. It contains two text input fields. The first field is labeled "Name:" and has a placeholder text "Insert a name..". The second field is labeled "Hometown:" and has a placeholder text "Insert home town..". Below the fields is a green button with the text "click".

2. Create a simple html form including two text fields as mentioned below.



A form with a light gray background. It contains two text input fields. The first field is labeled "Name:" and has a placeholder text "Insert a name..". The second field is labeled "Birthday:" and has a placeholder text "Insert birthday..". Below the fields is a green button with the text "click".

3. Create a simple html form using css as below.



A form titled "Available Hotel Packages" in bold black text. It contains four checkboxes with labels: "Wedding Package" (checked), "Birthday Package", "Normal Function Package", and "Day out Package". Below the checkboxes is a dark gray button with the text "Submit".