

Lab Exercise: 1. Design a webpage using HTML (Duration: 1 hour)

Create a HTML webpage for your Personal Profile that conforms to HTML5 standards and has the following elements: doctype, html, meta (in the revised html5 format), title, head, body, div, p, headings, image, anchor, table, list, html comment

1. Your site is very simple. Personalize the content.
2. It consists of a page heading and sections. Each section contains a sub heading and some text.
3. Header section: Heading
4. Section 1: table with one row and two columns, border not visible. Left column: user details, Right column: Photo
5. Section 2: dummy text if needed + all types of hyperlinks [external link with target, internal link, email link, phone link, download link and clickable image].
6. Section 3: text formatting [<div>, <p>]
7. Section 4: dummy text if needed + table in the given format to display information in rows and columns. [use caption, thead, tbody, tfoot, rowspan and colspan].
8. Section 5: dummy text + definition list, ordered list, unordered list, and nested list.
9. Nav section: hyperlinks with bookmark [navigation within a page].
10. You are NOT allowed to use
 tag and any CSS.
11. Appropriate use of HTML comments.
12. Set a background color and text color as per your wish, align the content in the web page [use style attribute].
13. All HTML pages must pass the official HTML5 specifications via <https://validator.w3.org/>
14. Publish your website live on web using any free web hosting services (000webhost).
15. Use the mockup illustration page given below.

Description:

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser.

Working with Tables

The HTML tables are created using the <table> tag in which the <tr> tag is used to create table rows and <td> tag is used to create data cells. The elements under <td> are regular and left aligned by default. colspan attribute used to merge two or more columns into a single column. Similar way rowspan is used to merge two or more rows. The caption tag will serve as a title or explanation for the table and it shows up at the top of the table. You can use one table inside another table. Not only tables you can use almost all the tags inside table data tag <td>.

```
<table border = "1">
  <tr>
    <td>Row 1, Column 1</td>
    <td>Row 1, Column 2</td>
  </tr>
  <tr>
    <td>Row 2, Column 1</td>
    <td>Row 2, Column 2</td>
  </tr>
</table>
```

Working with list

HTML offers web authors three ways for specifying lists of information. Lists may contain –

- – An unordered list. This will list items using plain bullets.
- – An ordered list. This will use different schemes of numbers to list your items.
- <dl> – A definition list. This arranges your items in the same way as they are arranged in a dictionary.

Type attribute for tag to specify the type of bullet you like. By default, it is a disc.

```
<ul>
  <li>Beetroot</li>
  <li>Ginger</li>
  <li>Potato</li>
  <li>Radish</li>
</ul>
```

Working with Text

- <abbr> tag defines an abbreviation or an acronym.
- <blockquote> tag specifies a section that is quoted from another source.
- <cite> tag defines the title of a work (e.g. a book, a song, etc.).
- <code> tag is a phrase tag. It defines a piece of computer code.
- tag is a phrase tag. It renders as emphasized text.
- <h1> to <h6> tags are used to define HTML headings.
- <mark> tag defines marked text.
- <pre> tag defines preformatted text.
- tag is used to group inline-elements in a document.
- <sub> tag defines subscript text.
- <sup> tag to define superscripted text
- <p> element defines a paragraph

HTML Entities

Some characters are reserved in HTML. Character entities are used to display reserved characters in HTML. To display a less than sign (<) we must write: <

Working with links

HTML links are hyperlinks. It links another document. The target attribute specifies where to open the linked document.

The target attribute can have one of the following values:

- `_blank` - Opens the linked document in a new window or tab
- `_self` - Opens the linked document in the same window/tab as it was clicked (this is default)
- `_parent` - Opens the linked document in the parent frame
- `_top` - Opens the linked document in the full body of the window

```
<body>
  <p>Click any of the following links</p>
  <a href = "/html/index.htm" target = "_blank">Opens in New</a> |
  <a href = "/html/index.htm" target = "_self">Opens in Self</a> |
  <a href = "/html/index.htm" target = "_parent">Opens in Parent</a> |
  <a href = "/html/index.htm" target = "_top">Opens in Body</a>
</body>
```

Bookmark

HTML bookmarks are used to allow readers to jump to specific parts of a Web page. Bookmarks can be useful if your webpage is very long. To make a bookmark, you must first create the bookmark, and then add a link to it.

Image

Images are very important to beautify as well as to depict many complex concepts in simple way on your web page. Insert any image in your web page by using `` tag. `src` attribute specify the location of the image file. Image name is always case sensitive. The `alt` attribute is a mandatory attribute which specifies an alternate text for an image, if the image cannot be displayed. You can set image width and height based on your requirement using width and height attributes.

```
<body>
  <p>Simple Image Insert</p>
  <img src = "/html/images/test.png" alt = "Test Image" />
</body>
```

SOURCE CODE :

[illegible]

<hr>

<h2 id ="1" >Career Objective</h2>

<p>Enthusiastic second-year data science student with a passion for leveraging analytical skills to derive actionable insights from complex datasets. Eager to apply theoretical knowledge in a real-world setting, I seek a dynamic career where I can contribute to innovative solutions, enhance my proficiency in data science, and collaborate with professionals to address challenging problems, ultimately driving organizational success through data-driven decision-making.</p>

<hr>

<h2 id ="3">Academic Profile</h2>

<table border="1" cellpadding="10" cellspacing="0">

<thead>

<tr>

<th colspan="4">Educational Details</th>

</tr>

<tr>

<th>Education</th>

<th>School/College</th>

<th>Board/University</th>

<th>Year of passing</th>

</thead>

<tbody>

<tr>

<td>B.Tech</td>

<td>Karunya University</td>

<td>Karunya</td>

<td>2026</td>

</tr>

<tr>

<td>HSC</td>

<td>Vivega Maric Higher Seconary School</td>

<td>State Board</td>

<td>2022</td>

</tr>

<tr>

<td>SSLC</td>

<td>Vivega Maric Higher Seconary School</td>

<td>State Board</td>

<td>2019</td>

</tr>

</tbody>

</table>

<hr>

<h2 id="2">Technical Skills</h2>

Data Structures

Computer Networks

Web Technology

Python Programming

Java Programming

C Programming

<hr>

<h2 id="4">Advanced Technology Skills</h2>

Data Science

Data Analytics

Machine Learning

Cloud Computing

<hr>

<h2 id="5">Internship Completed</h2>

<dl>

<!-- Internshala -->

<dt>Internshala :</dt>

<dd>

<p>

Internshala's Data Science internship is a transformative opportunity for individuals pursuing a career in data science. Participants engage in practical, real-world projects that cover a spectrum of data analytics techniques, machine learning algorithms, and statistical modeling. The internship is designed to bridge the gap between academic learning and industry application, allowing interns to gain hands-on experience and develop crucial skills.

</p>

<p>

The program offers a structured curriculum that includes both theoretical knowledge and practical application. Interns work on industry-relevant projects, applying data science concepts to solve actual business problems. This hands-on approach ensures a deep understanding of data science methodologies and their application in various domains.

</p>

</dd>

<!-- Infosys -->

<dt>Infosys</dt>

<dd>

<p>

Interning at Infosys provides a unique opportunity for individuals to gain practical experience and exposure in the dynamic field of information technology. Infosys, a global leader in consulting, technology, and outsourcing solutions, offers internships that are designed to empower and nurture the next generation of IT professionals.

</p>

</dd>

<!-- Microsoft -->

<dt>Microsoft</dt>

<dd>

<p>

Interning at Microsoft is a prestigious opportunity for individuals aspiring to be part of one of the world's leading technology companies. Microsoft's internship programs are designed to provide a rich and immersive experience for students and recent graduates, offering a glimpse into the cutting-edge innovations and technologies that define the company.

</p>

</dd>

<!-- CISCO -->

<dt>CISCO</dt>

<dd>

<p>

Interning at Cisco provides a unique and rewarding experience for individuals aspiring to be part of the global technology and networking industry. Cisco, a multinational corporation, is renowned for its networking hardware, software, and telecommunications equipment.

</p>

</dd>

</dl>

<hr>

<h2>Course List</h2>

DSA

Array

Linked List

Stack

Queue

Web Technologies

HTML

CSS

JavaScript

Aptitude

```
<li>Gate</li>
<li>Placement</li>
</ul>
```

PHOTO GALLERY

```


```

```
<a href="#1">Career Objective</a> |  
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~<br/>  
<a href="#2">Technical Skills</a> |  
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~<br/>  
<a href="#3">Education</a> |  
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~<br/>  
<a href="#4">Advanced Technology Skills</a> |  
&nbsp;&nbsp;&nbsp;&nbsp;&~<br/>  
<a href="#5">Internships</a>
```

</body>

</html>

RESULT:

MY RESUME PAGE

BHARATH KUMAR S
228, ANGELINA HOSTEL
KARUNYA NAGAR
COIMBATORE - 641114
PH: 7708323025
EMAIL: bharathkumar22@karunya.edu.in



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Career Objective

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Technical Skills

1. Data Structures
2. Computer Networks
3. Web Technology
4. Python Programming
5. Java Programming
6. C Programming

Advanced Technology Skills

- Data Science
- Data Analytics
- Machine Learning
- Cloud Computing

Internship Completed

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Course List

- DSA
 - Array
 - Linked List
 - Stack
 - Queue
 - Web Technologies
 - HTML
 - CSS
 - JavaScript
 - Aptitude
 - Gate
 - Placement
-

PHOTO GALLERY



[Career Objective](#) | [Technical Skills](#) | [Education](#) | [Advanced Technology Skills](#) | [Internships](#)

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RESULT :

The program was successfully executed and Completed.

