

Basics of HTML

By Harsh R Jain – 1BG17CS031

1. Introduction to HTML

The screenshot shows the Virtual Labs HTML simulation interface. The browser address bar displays `html-itd.vlabs.ac.in/basics-of-html/exp/introduction-to-html/simulation.html`. The page features a sidebar with navigation links: Pre Test, Procedure, Simulation, Post Test, References, and Feedback. The main content area displays the text "The quick brown fox jumps over a lazy dog" and a "Click Tag to view Code" button. Below this, a grid of HTML tags is shown: h1, h2, h3, h4, h5, h6, p, b, i, u, big, and small. To the right, the "HTML - Big Tag" code is displayed:

```
<!DOCTYPE html>
<html>
  <body>
    <big>Hello World</big>
  </body>
</html>
```

 A small video window titled "Meeting in 'General'" is visible in the bottom right corner. The Windows taskbar at the bottom shows the time as 12:48 on 09-Sep-20.

2. Understanding Headers

The screenshot shows the Virtual Labs HTML simulation interface with the code editor and preview section. The browser address bar displays `html-itd.vlabs.ac.in/basics-of-html/exp/introduction-to-html/simulation.html`. The page features a sidebar with navigation links: Pre Test, Procedure, Simulation, Post Test, References, and Feedback. The main content area displays the text "The quick brown fox jumps over a lazy dog" and a "Click Tag to view Code" button. Below this, a grid of HTML tags is shown: h1, h2, h3, h4, h5, h6, p, b, i, u, big, and small. To the right, the "HTML - Big Tag" code is displayed:

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Task 2) Find Elements of an HTML document structure.
Task 3) Choose heading tags h1 to h6 to find the difference.
Task 4) Distinguish between b and i tags.
Task 5) Write code for creating an HTML document using different tags.

Write Code Section

```
1 <html>
2 <head>
3 <title>Introduction to HTML</title>
4 </head>
5 <body>
6 <h1>About me</h1>
7 <p>I am Harsh R Jain and this is about me:</p>
8 <p>I am doing my engg in CSc.</p>
9 <hr>
10 <p>I will graduate in 2021, hopefully.</p>
11 <strong>I love listening to music.</strong>
12 <big>I make youtube videos <br>occasionally.</big>
13 <small>This is a small text.</small>
14 <code>print("Hello World")</code>
15 <address>Bangalore, India</address>
16 <h2>Thats it about myself.</h2>
17 <h3>Thank you so much.</h3>
18 <h4>See you!</h4>
19 <h5>Harsh R Jain</h5>
20 </body>
```

Preview Result Section

About me

I am Harsh R Jain and this is about me:

I am doing my engg in CSc. at *BNMIT*

I will graduate in 2021, hopefully.

I love listening to music. I make youtube videos occasionally.

This is a small text.
print("Hello World")
Bangalore, India

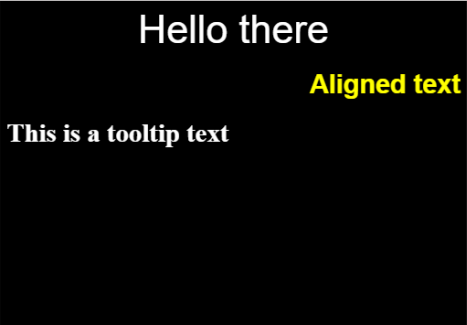
3. Applying Attributes in HTML Tags

Task 2) Identify attribute for changing the alignment or content written in <p> tag.
Task 3) Design a web page using different attributes corresponding to various tags in HTML.

Write Code Section

```
1 <html>
2 <head>
3 |
4 </head>
5 <body bgcolor="black" text="white">
6 <p align="center"><font size="8" face="arial">Hello there</font></p>
7 <div align="right"><font color="yellow" face="arial">Aligned</font></div>
8 <div align="left" title="my tooltip text">This is a tooltip text</div>
9 </body>
10 </html>
11
```

Preview Result Section



4. Inserting images through img tags


Task 3) Design a web page using various images of Chandrayan2 using tag of HTML.

Note: In Write Code Section use this path for image <http://www.vlab.co.in/images/logo.jpg>


Write Code Section

```
1 <html>
2 <head>
3 <title>Image Tag</title>
4 </head>
5 <body>
6 
7 </body>
8 </html>
```

Preview Result Section



5. Types of Lists in HTML

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Xcode

Write Code Section

```
1 <html>
2 <head>
3 <title>Lists</title>
4 </head>
5 <body bgcolor="green" text="white">
6 <ol>
7 <li>South Indian</li>
8 <ul>
9 <li>
10 Breakfast
11 </li>
12 <li>Lunch</li>
13 <li>Dinner</li>
14 </ul></li>
15 <li>North Indian</li>
16 <ul>
17 <li>
18 Breakfast
19 </li>
20 <li>Lunch</li>
21 <li>Dinner</li>
22 </ul></li>
23 </ol>
24 </body>
25 </html>
```

Preview Result Section

1. South Indian

- Breakfast
- Lunch
- Dinner

2. North Indian

- Breakfast
- Lunch
- Dinner

FIN