

## 2ES109 : Basics of Web Technology

### Practical-3

**A. Write the description for the following Tags i.e. Tag Type, Use, Attributes (Name, Value and Description) and Example.**

**1. <B>**

- The <B> tag specifies bold text without any extra importance.

**2. <I>**

- The <i> tag defines a part of text in an alternate voice or mood. The content inside is typically displayed in italic.
- The <i> tag is often used to indicate a technical term, a phrase from another language, a thought, a ship name, etc.

### 3. <U>

- The content inside is typically displayed with an underline.

### 4. <big>

- The <big> tag was used in HTML 4 to define bigger text.

### 5. <small>

- The <small> tag defines smaller text (like copyright and other side-comments).

### 6. <em>

- The <em> tag is used to define emphasized text.
- The content inside is typically displayed in italic.

- A screen reader will pronounce the words in `<em>` with an emphasis, using verbal stress.

## 7. `<strong>`

- The `<strong>` tag is used to define text with strong importance.
- The content inside is typically displayed in bold.

## 8. `<sub>`

- The `<sub>` tag defines subscript text.
- Subscript text appears half a character below the normal line, and is sometimes rendered in a smaller font.
- Subscript text can be used for chemical formulas, like H<sub>2</sub>O.

## 9. `<sup>`

- The `<sup>` tag defines superscript text.

- Superscript text appears half a character above the normal line, and is sometimes rendered in a smaller font.
- Superscript text can be used for footnotes, like WWW

## 10. <ins>

- The <ins> tag defines a text that has been inserted into a document.
- Browsers will usually underline inserted text.

## 11. <del> / <strike>

- The <del> tag defines text that has been deleted from a document.
- Browsers will usually strike a line through deleted text.
- The <strike> tag was used in HTML 4 to define strikethrough text.

## 12. <mark>

- The <mark> tag defines text that should be marked or highlighted.

## 13. <dfn>

- The <dfn> tag stands for the "definition element", and it specifies a term that is going to be defined within the content.
- The nearest parent of the <dfn> tag must also contain the definition/explanation for the term.

## 14. <blockquote>

- The <blockquote> tag specifies a section that is quoted from another source.
- Browsers usually indent <blockquote> elements.

## 15. <q>

- The <q> tag defines a short quotation.

- Browsers normally insert quotation marks around the quotation.

## 16. <kbd>

- The <kbd> tag is used to define keyboard input.
- The content inside is displayed in the browser's default monospace font.

## 17. <pre>

- The <pre> tag defines preformatted text.
- Text in a <pre> element is displayed in a fixed-width font, and the text preserves both spaces and line breaks.
- The text will be displayed exactly as written in the HTML source code.

## 18. <code>

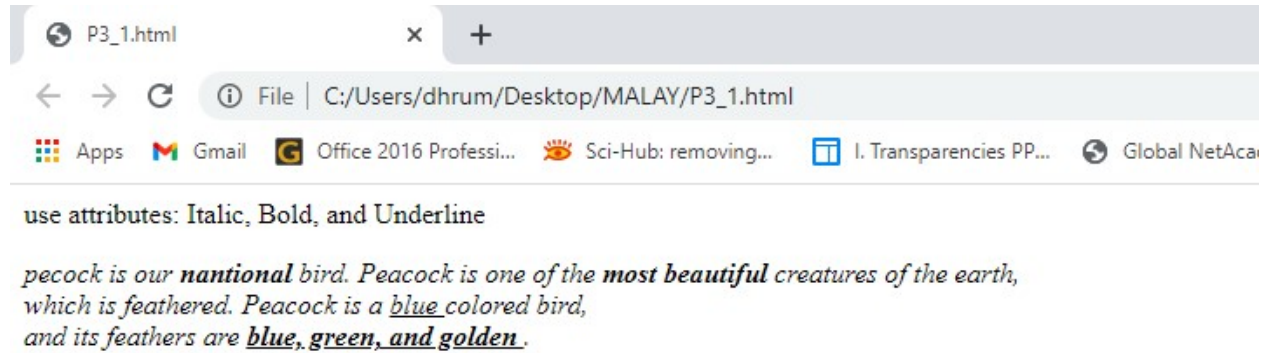
- The <code> tag is used to define a piece of computer code.

### ➤ EXERCISES:

#### 1. Write a HTML Code to display different attributes: Italic, Bold, and Underline.

##### Code:

```
<html>
<head>use attributes: Italic, Bold, and Underline</head>
<body>
<p>
<i> peacock is our <b> nantional </b> bird.
Peacock is one of the <b> most beautiful </b> creatures
of the earth,<br>
which is feathered. Peacock is a <u> blue </u> colored
bird, <br>
and its feathers are <b><u>blue, green, and golden
</u></b>.</i>
</p>
</body>
</html>
```



**2. Create a webpage that Shows different text formatting attributes[Include <big>,<small>,<ins>,<del>,<sup>,<sub>,<strong>,<em>,<mark>,<blockquote>,<q> tags).**

**Code:**

```
<html>
```

```
<hr color="green" size=5>
```

```
<head><h1 align="center"> GANPAT UNIVERSITY  
</h1></head>
```

```
<hr color="green" size=5>
```

```
<body bgcolor="lightergreen">
```

```
BIGGER TEXT:<big>UVPCE</big><br>
```



SMALLER TEXT:<small>U.V Patel College Of  
Engineering</small><br>

INSERTED TEXT:<small>U.V Patel College Of Engineering  
and technology</small><ins> Kherva</ins><br>

STRIKE/DELETED TEXT:U.V Patel College Of  
Engineering</small><strike> and technology</strike><br>

MARKED TEXT:<BR>

U.V Patel College Of Engineering(GUNI-UVPCE) is situated  
in

<mark>Ganpat Vidyanagar campus.</mark><br><br>

EPHASIZED TEXT:<br>

College website link is

<i><https://www.uvpce.ac.in></i><br><br>

SUPERScript AND SUBSCRIPT TEXT:<BR>

The<sup>U.V Patel College Of  
Engineering</sup><sub>(UVPCE)</sub><br><br>

BLOCKQUOTE TAG:<br>

MISSION STATEMENT:<br>

<blockquote>"Seel,search and offer programs that lead to  
symbiotic emergence of'academic excellence'

and'industrial relevance'in.education and  
research"</blockquote>

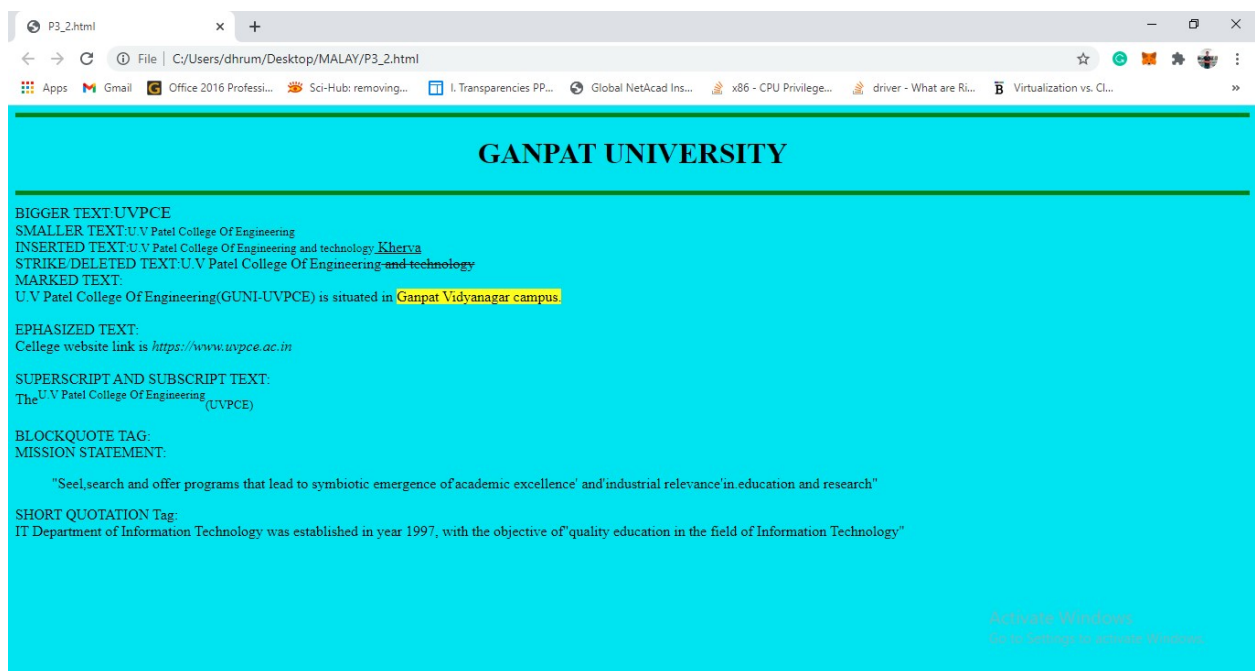
SHORT QUOTATION Tag:<br>

IT Department of Information Technology was established  
in year 1997, with the objective of"quality education in the  
field of Information Technology"

</body>

</html>

## Output:



### 3.. Write HTML code to develop the following webpage that use tags

**<code>,<dfn>,<kbd>,<pre>,<blockquote>,<q>**

#### **CODE:**

```
<html>
```

```
<body>
```

```
<code>
```

```
<font size="10">
```

```
<b>Web Technology</b><br>
```

```
<font size="5">
```

```
</code>
```

Web technology involves the use of <q>hypertext markup language(html) and cascading style sheerts(CSS)</q><br>

```
<blockquote><def>Hyper Text Mrkup Language</def>is  
the standard markup language for the documents  
designed to be displayed in a web  
browser</blockquote><br>
```

```
<kbd>Ctrl + B</kbd>
```

```
used to bold text<br><br>
```

```
<pre>
```

Structure of HTML Page

```
<kbd>
```

HTML TAG

HEAD TAG (SECTION-1)

TITLE TAG

HEAD TAG CLOSED

BODY TAG (SECTION-2)

HTML TAG CLOSED

```
</kbd>
```

```
</pre><br><br>
```

HTML Code Tag<br>

```
<kbd>
```

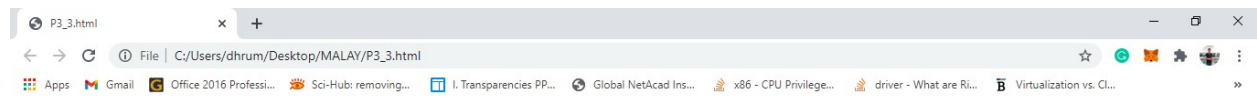
```
body {color: yellow; font-size: 16px; line-height: 1.5 }
```

```
</kbd>
```

```
</body>
```

```
</html>
```

# Output:



## Web Technology

Web technology involves the use of "hypertext markup language(html) and cascading style sheets(CSS)"

Hyper Text Markup Language is the standard markup language for the documents designed to be displayed in a web browser

Ctrl + B used to bold text

Structure of HTML Page

```
HTML TAG
  HEAD TAG (SECTION-1)
    TITLE TAG
  HEAD TAG CLOSED
  BODY TAG (SECTION-2)
HTML TAG CLOSED
```

HTML Code Tag

```
body {color: yellow; font-size: 16px; line-height: 1.5 }
```

Activate Windows  
Go to Settings to activate Windows.

