

Basics of HTML

HTML Basics

HTML Document
Structure

HTML Version Info



The `<body>` Element

The `<head>` Element

The `<html>` Element

Mark-up Language



A mark-up language is a language that “marks-up” the text of a document by putting tags around content to describe what that content is and how to display it



The code is used to specify the formatting are called tags. Eg: `<html></html>`

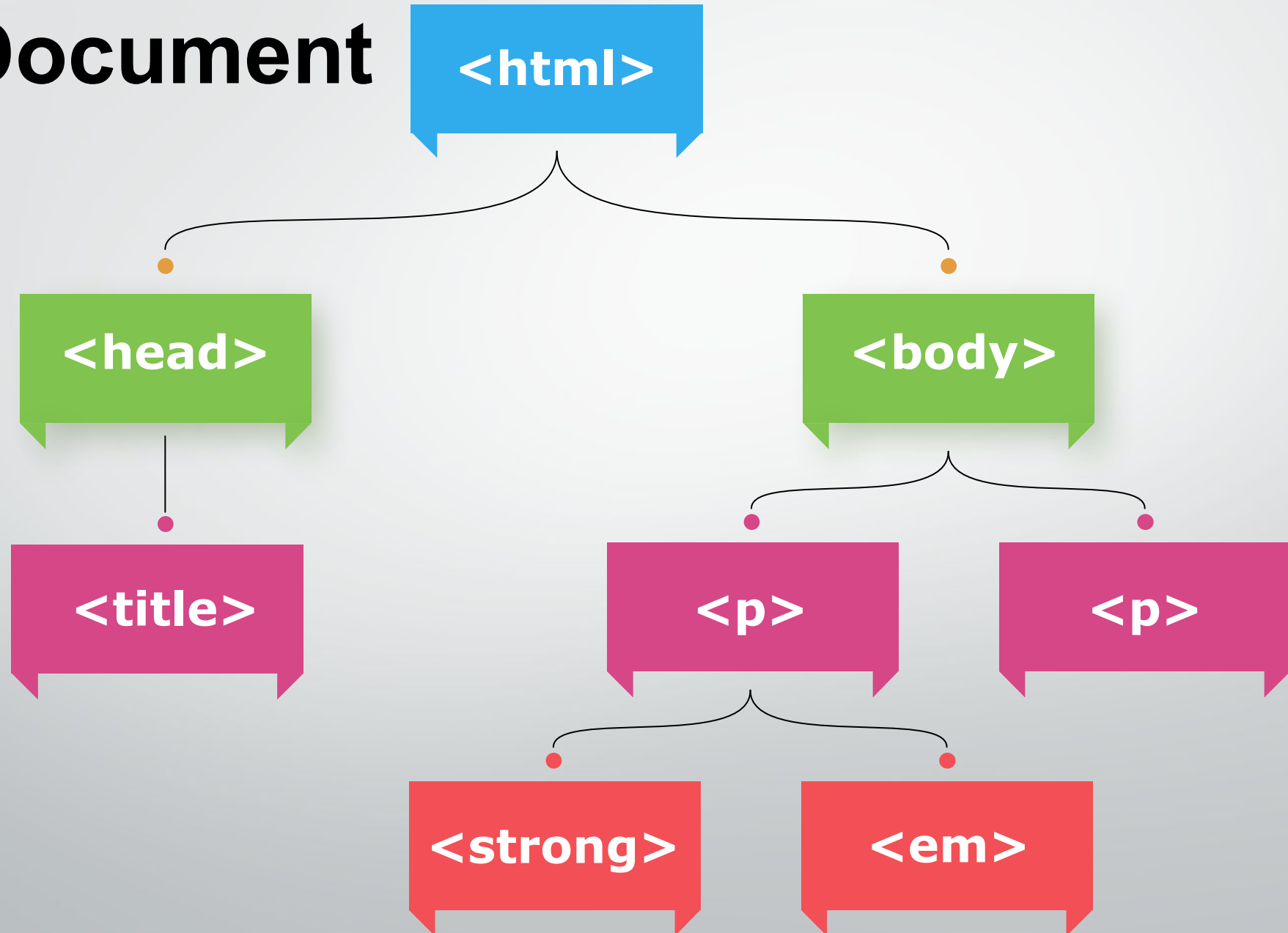


A markup language is a set of markup tags



HTML is a an example of a widely used markup language

Structure of an HTML Document



Structure of an HTML Document

Version Information

<html> Element

<head> Element

<body> Element

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Job Portal</title>
  </head>
  <body>
    <h1>Hire Me Now !.</p>
    <p>Best Place To Find Your Dream Job.</p>
  </body>
</html>
```

Version Information and <html> Element

Declared right after DOCTYPE declaration and wraps all other elements.

The
<html>
Element.

HTML
Version
Information.

DOCTYPE declaration is a single line that identifies the HTML Version.

```
<html>  
  //Contents  
</html>
```

```
<!DOCTYPE html>
```



The <head>

Element

Used to add external resources such as style sheets and scripts.

This section's contents are not rendered on the web page

Contains information about the document

<title> is an important element in <head> section.

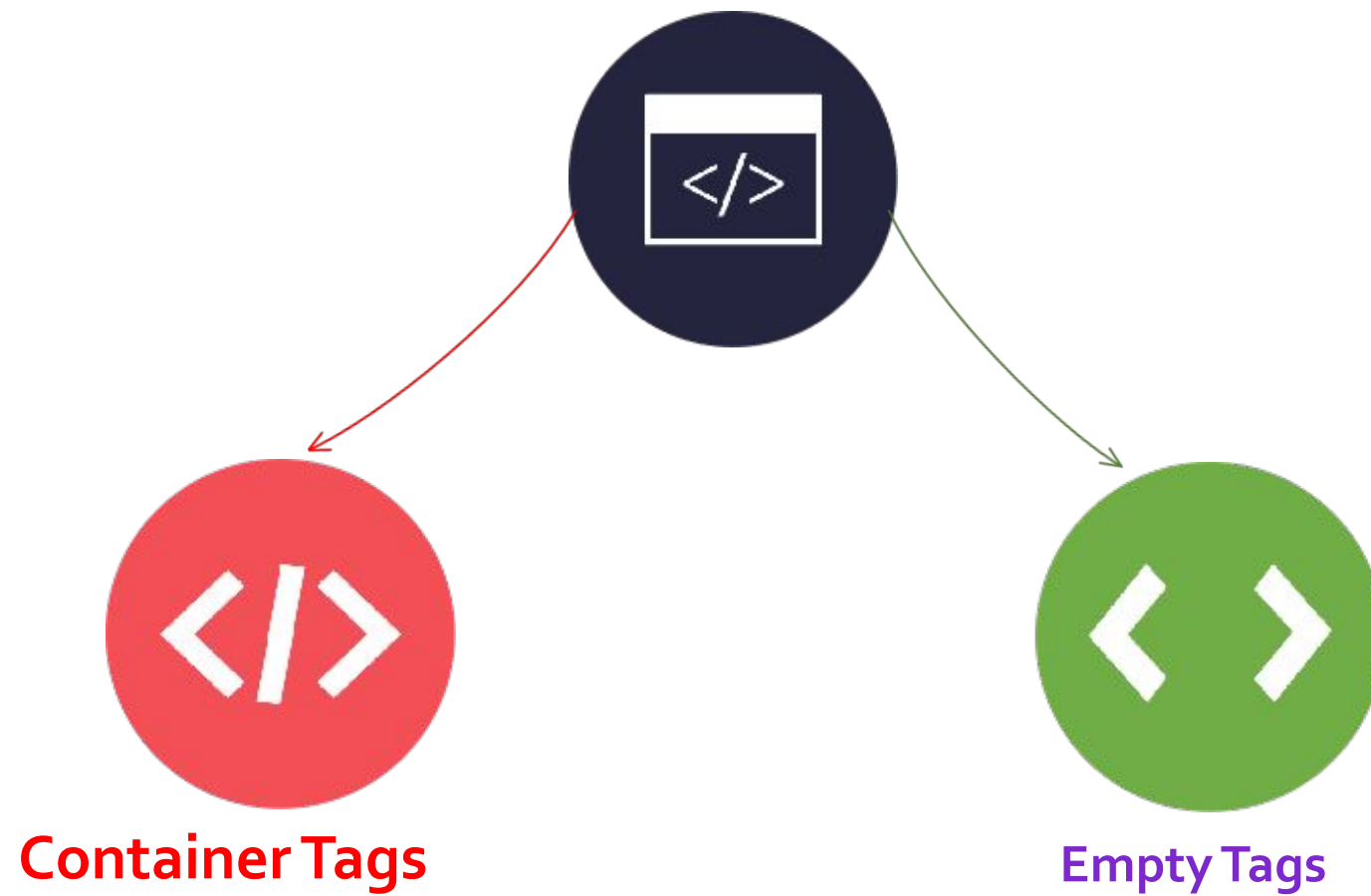
```
<head>  
<title>.</title>  
</head>
```

An illustration of a person with brown hair and glasses, wearing an orange long-sleeved shirt and dark pants, sitting in a blue and green office chair at a dark blue desk. They are wearing a headset and looking at a computer monitor. The monitor displays the HTML code for the head section: <head>, <title>.</title>, and </head>. On the desk, there is a red mug and a small black speaker. The background is a light purple wall with several sticky notes pinned to it. Four callout boxes with different colors (yellow, pink, blue, and purple) provide information about the <head> element. The overall style is a flat, modern illustration.

The <body> Element

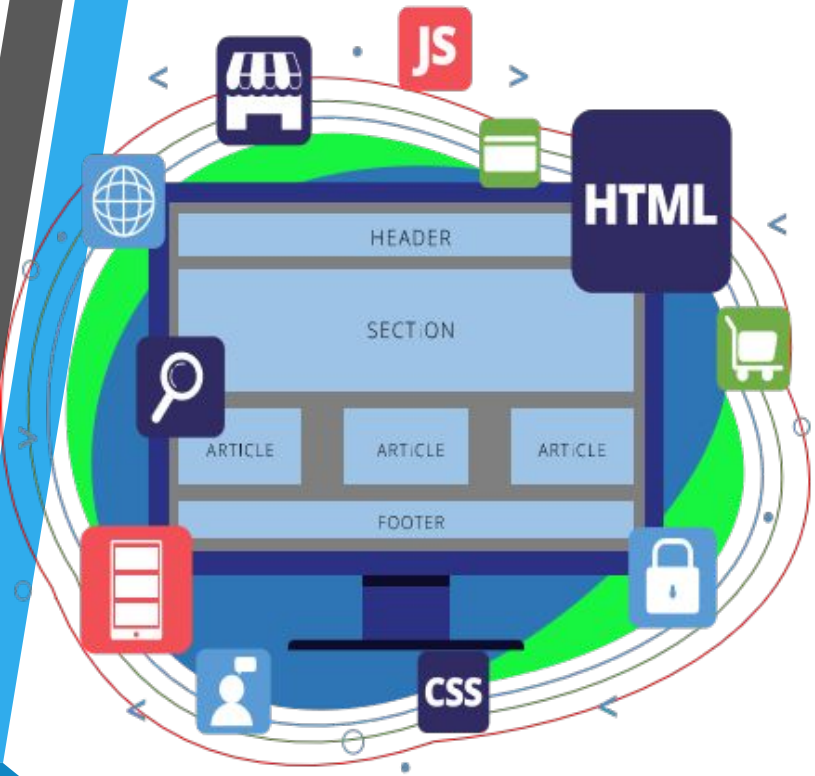


- Contains structure and contents visible on the web page.
- Includes elements like text, images and links.
- Contents are presented effectively by using several tags.
- <div> and , <h1> - <h6>, <p>, <a>.



Container Tags

CONCEPT



Container tags usually consists of three parts:
An Opening tag, Content and a Closing tag.

The start tag and end tags also known as ON and OFF tags are used as opening tag and closing tag.

If a container element is not closed, the browser will continue to use the opening tag's effect in the whole page.

The general syntax is :-

```
<tagname> ..content.. </tagname>
```

Eg:- <html>..</html>, <head>..</head> ,

```
<body> </body>
```


Empty Tags

A tag that doesn't require a closing tag and doesn't have any content within it.



Used to specify elements that don't have any content or to add specific attributes to an element.

`
` - line break.
`<hr>` - horizontal line.
`` - image.
`<input type="text">` -text input field.
`<link href="url">` - link to external source.



HTML Attributes

Attributes used to extend the capability of an HTML element.

At some point you may want to give your body element a background color or perhaps change the width.

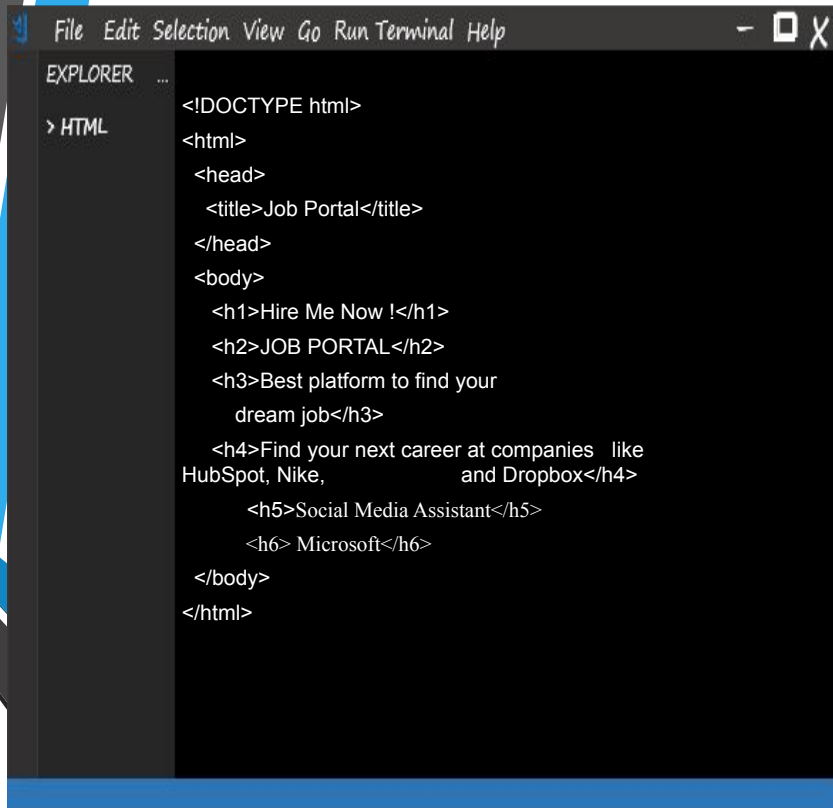
Many HTML tags have a unique set of their own attributes

Tag name	Start tag	End tag	How it looks
Bold			Looks like this.
Italic	<I>	</I>	<i>Looks like this.</i>
Underline	<U>	</U>	<u>Looks like this.</u>
Emphasis			<i>Looks like this.</i>
Strong emphasis			Looks like this.
Defined Term	<DFN>	</DFN>	<i>Looks like this.</i>
Short citation	<CITE>	</CITE>	<i>Looks like this.</i>
Code font	<CODE>	</CODE>	Looks like this.
Keyboard text	<KBD>	</KBD>	Looks like this.
Sample text	<SAMP>	</SAMP>	Looks like this.
Typewriter text	<TT>	</TT>	Looks like this.
Variable	<VAR>	</VAR>	<i>Looks like this.</i>

HTML Text

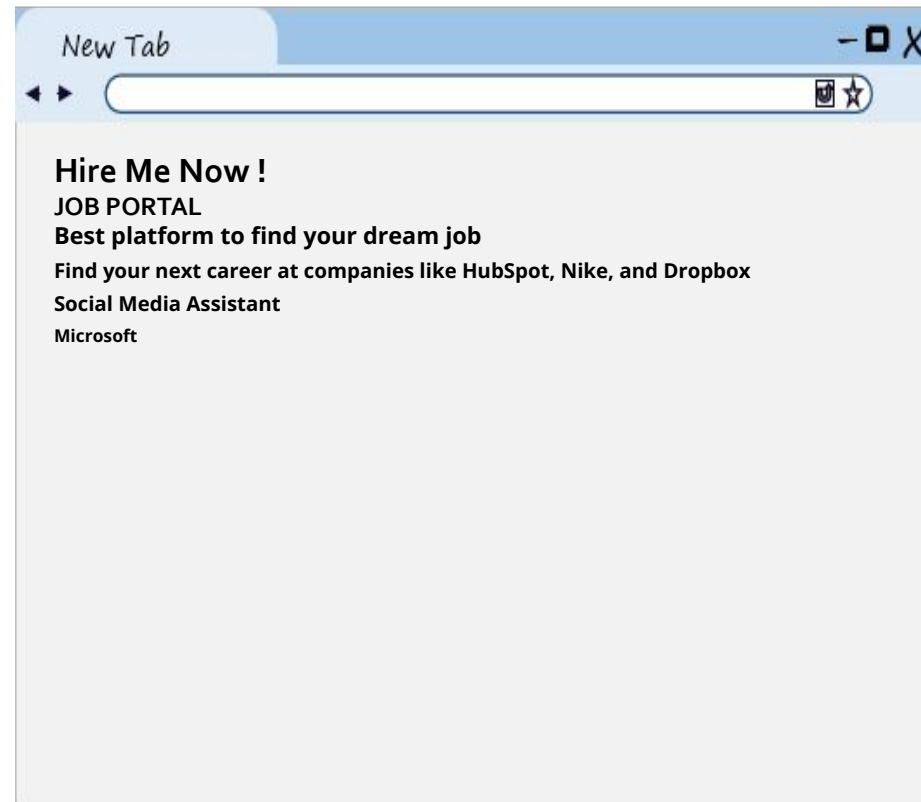
HEADING TAG

- A heading in HTML is just what you might expect, a title or subtitle.
- Headings are defined with the `<h1>` to `<h6>` tags.
- Attributes : Align

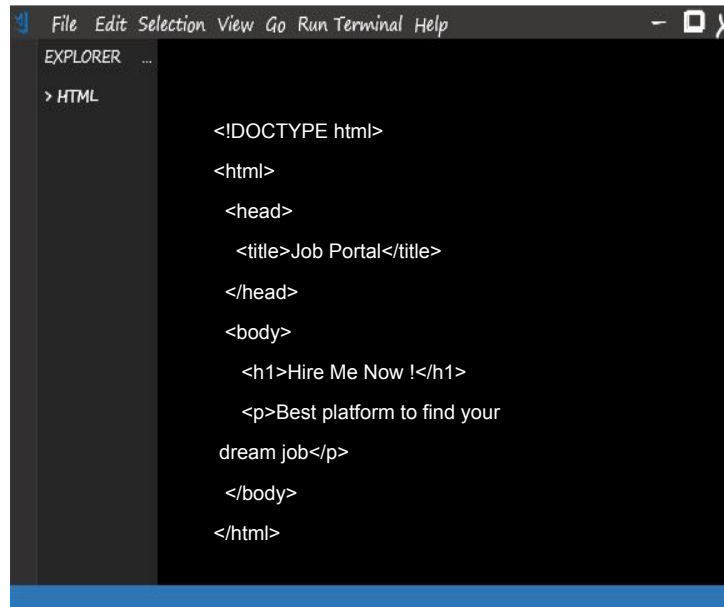


A screenshot of a code editor window with a dark theme. The menu bar includes 'File', 'Edit', 'Selection', 'View', 'Go', 'Run', 'Terminal', and 'Help'. The Explorer sidebar on the left shows 'EXPLORER' and 'HTML'. The main editor area contains the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Job Portal</title>
  </head>
  <body>
    <h1>Hire Me Now !</h1>
    <h2>JOB PORTAL</h2>
    <h3>Best platform to find your
      dream job</h3>
    <h4>Find your next career at companies like
      HubSpot, Nike, and Dropbox</h4>
    <h5>Social Media Assistant</h5>
    <h6> Microsoft</h6>
  </body>
</html>
```

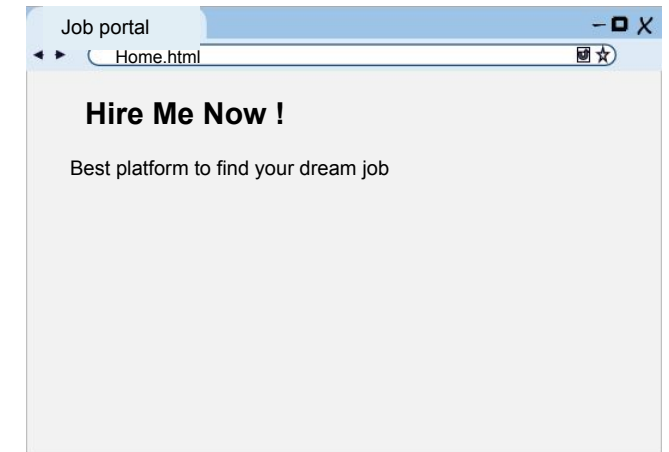


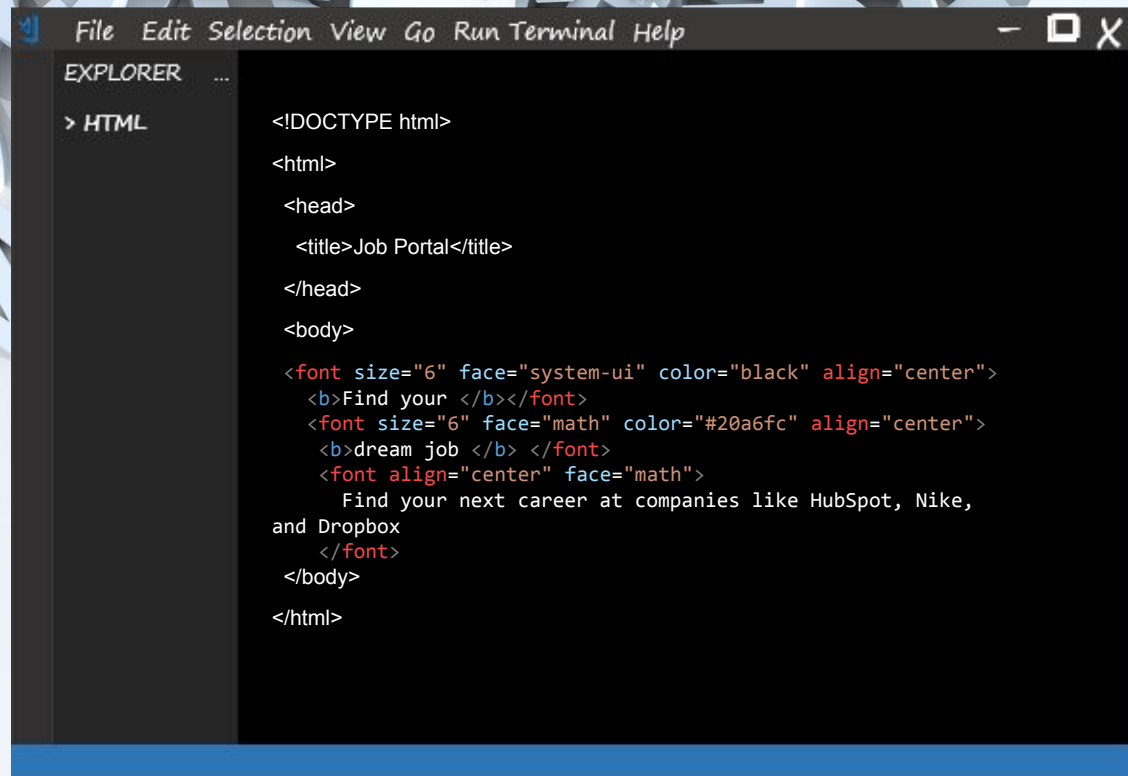
- Publishing any kind of written works requires the use of a paragraph.
- The <p> tag defines a paragraph.
- Attributes of <P> tag is align



A screenshot of a code editor window with a dark theme. The menu bar includes 'File', 'Edit', 'Selection', 'View', 'Go', 'Run', 'Terminal', and 'Help'. The 'EXPLORER' sidebar on the left shows a file tree with '> HTML' selected. The main editor area contains the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Job Portal</title>
  </head>
  <body>
    <h1>Hire Me Now !</h1>
    <p>Best platform to find your
dream job</p>
  </body>
</html>
```

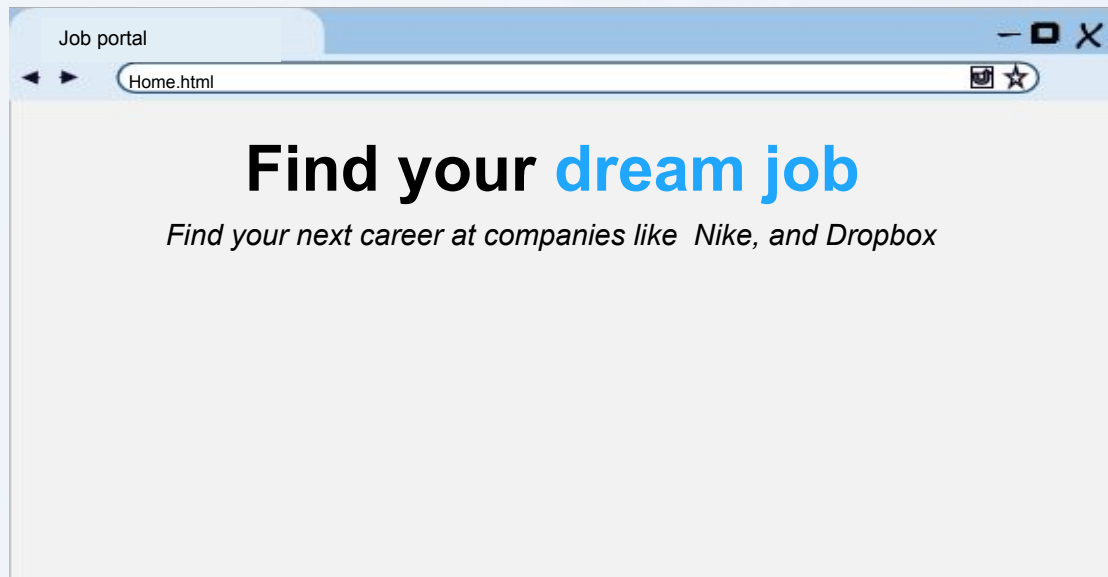


A screenshot of a code editor window with a dark theme. The menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The Explorer sidebar on the left shows a file named 'Home.html' under a folder named '> HTML'. The main editor area contains the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Job Portal</title>
  </head>
  <body>
    <font size="6" face="system-ui" color="black" align="center">
      <b>Find your </b></font>
      <font size="6" face="math" color="#20a6fc" align="center">
        <b>dream job </b></font>
        <font align="center" face="math">
          Find your next career at companies like HubSpot, Nike,
          and Dropbox
        </font>
      </body>
    </html>
```

The tag

- The font tag is used change the style and size and color of text.
- It is assigned for changing the appearance of a short segment of text
- Change the font size and color attributes :
- my font size
- check the fond





HTML Basics



HTML Document Structure



The <html> Element



The <head> Element



The <body> Element



The Head and other text
Element



Questions ?

