

Html questions:
kanishka govil 9310768681

A: Multiple Choice Questions

1. **What does HTML stand for?**
Answer: a) Hyper Text Markup Language...
2. **Which of the following is the correct way to create a hyperlink in HTML?**
Answer: a) `Example`
3. **What is the purpose of the <head> tag in an HTML document?**
Answer: b) To contain meta-information about the document
4. **Which HTML tag is used to define an unordered list?**
Answer: b) ``
5. **What is the purpose of the <title> tag in HTML?**
Answer: a) To define the title of the webpage that appears in the browser tab
6. **Which of the following tags is used to create a table in HTML?**
Answer: a) `<table>`
7. **Which tag is used to define a paragraph in HTML?**
Answer: a) `<p>`
8. **Which HTML element is used to define the structure of a form?**
Answer: a) `<form>`
9. **What is the correct HTML element for playing audio files?**
Answer: a) `<audio>`
10. **Which tag is used to create a dropdown list in HTML?**
Answer: a) `<select>`

B: Short Answer Questions.

Ans11. `<div>` is a block-level element that is used to group larger chunks of content, such as paragraphs or sections, and is typically used for layout purposes.

`` is an inline element used to group smaller chunks of content, like a part of a sentence or word, without breaking the flow of the content.

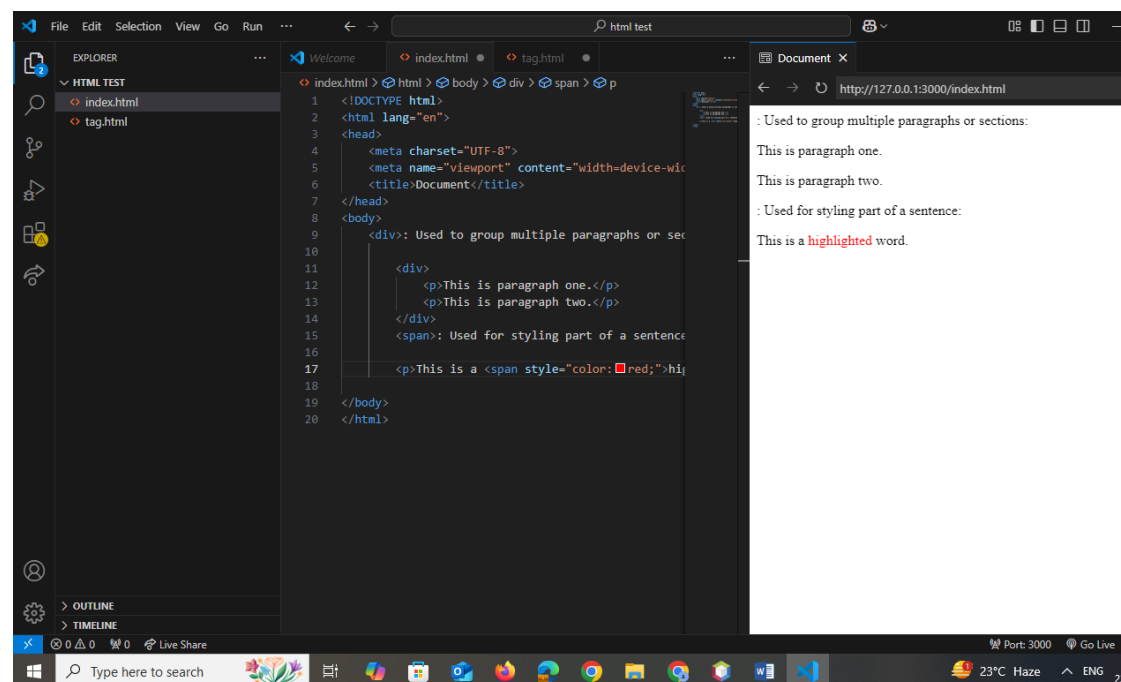
Example:

`<div>`: Used to group multiple paragraphs or sections:

```
<div>
  <p>This is paragraph one.</p>
  <p>This is paragraph two.</p>
</div>
```

``: Used for styling part of a sentence:

```
<p>This is a <span
style="color:red;">highlighted</span> word.</p>
```



ANS.12. The `<meta>` tag provides metadata (data about data) for the HTML document. It is used to define the character encoding, viewport settings, and author information, among other things.

- **Character encoding example:**

```
<meta charset="UTF-8">
```

- **Viewport settings (for responsive design):**

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

- **Author information:**

```
<meta name="author" content="John Doe">.
```

ANS 13. **Inline elements** only take up as much width as necessary and do not break the flow of content. They do not start on a new line.

Examples: ``, `<a>`

Block-level elements take up the full width available, starting on a new line and extending the entire width of their container.

Examples: `<div>`, `<p>`

ANS.14 A hyperlink is created using the `<a>` tag with the `href` attribute to specify the URL. The `target` attribute can be used to control how the link opens.

Example of a basic hyperlink:

```
<a href="http://www.example.com">Click Here</a>
```

Attributes:

`href`: Specifies the destination URL.

`target`: Specifies where to open the linked document (e.g., `_blank` for a new tab).

ANS15. The `<head>` section contains metadata and other resources needed by the document, such as styles, scripts, and character encoding.

Elements inside `<head>`:

`<meta>` (e.g., for character encoding)

`<title>` (sets the document title)

`<link>` (e.g., linking external stylesheets)

<script> (e.g., linking external JavaScript)

Section C: Long Answer Questions

- **ANS.16** The table should have 4 rows and 3 columns.
- The first row should be the header with column titles: "Name", "Age", and "City".
- The table should have the following data in the next rows:
 - Row 2: Alice, 23, New York
 - Row 3: Bob, 30, London
 - Row 4: Charlie, 25, Paris
- Add borders to the table, and set padding of 10px for each cell.
- The table should also have a caption at the top: "Personal Information".

HTML Code:

```
<table border="1" cellpadding="10">
  <caption>Personal Information</caption>
  <thead>
    <tr>
      <th>Name</th>
      <th>Age</th>
      <th>City</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Alice</td>
      <td>23</td>
      <td>New York</td>
    </tr>
    <tr>
      <td>Bob</td>
      <td>30</td>
      <td>London</td>
    </tr>
    <tr>
      <td>Charlie</td>
      <td>25</td>
      <td>Paris</td>
    </tr>
  </tbody>
```

</table>

The screenshot shows a Visual Studio Code editor with a file named 'tag.html' open. The code defines an HTML document with a table titled 'Personal Information'. The table has three columns: Name, Age, and City. The data rows are: Alice (23, New York), Bob (30, London), and Charlie (25, Paris). The table is styled with a border of 1 and cell padding of 10. A live preview window on the right shows the rendered HTML, displaying the table correctly. The status bar at the bottom indicates the port is 3000 and the language is English.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>table</title>
7 </head>
8 <body>
9   <table border="1" cellpadding="10">
10    <caption>Personal Information</caption>
11    <thead>
12      <tr>
13        <th>Name</th>
14        <th>Age</th>
15        <th>City</th>
16      </tr>
17    </thead>
18    <tbody>
19      <tr>
20        <td>Alice</td>
21        <td>23</td>
22        <td>New York</td>
23      </tr>
24      <tr>
25        <td>Bob</td>
26        <td>30</td>
27        <td>London</td>
28      </tr>
29      <tr>
30        <td>Charlie</td>
31        <td>25</td>
32        <td>Paris</td>
33      </tr>
34    </tbody>
35  </table>
36
```

| Name | Age | City |
|---------|-----|----------|
| Alice | 23 | New York |
| Bob | 30 | London |
| Charlie | 25 | Paris |