

Q1. Write a simple program in HTML that displays the heading "HTML defines the content and structure of your website" on the web browser ?

Ans-

```
<!--A simple program in HTML-->
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

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

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

```
  <title>Document</title>
```

```
</head>
```

```
<body>
```

```
  <div>
```

```
    <h1>FullStack bootcamp.</h1>
```

```
    <br>
```

```
    <h3>About Course.</h3>
```

```
    <hr>
```

```
    <br>
```

```
    <p>Hii everyone My Name is Arvind I have started this course. it help alot in learning process
```

```
    </p>
```

```
    <h2>What is going to learn in this course.-</h2>
```

```
  </div>
```

```
</body>
```

```
</html>
```

```
<=====
=====>
```

Q2. Explain the purpose of comments in HTML and provide an example of how to use comments in an HTML document. ?

Ans - the comment help to write a important information witout include it in program. we use comment when we nees to debug or make change in existing code comment help alot to understand the working of code.

In HTML we use this syntex to comment the code or write comment :- <!-- comment section -->

```
<=====
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```

Q3. Write an HTML program that includes a heading, a paragraph of text, a horizontal line, and a line break.

Arrange these elements to create a simple web page layout. ?

Ans-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

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

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

```
  <title>Document</title>
```

```
</head>
```

```
<body>
```

```
  <div>
```

```
    <!-- tag for heading -->
```

```
    <h1>PW Skills FullStack Web development bootcamp.</h1>
```

```

<br>
<h3>About My self.</h3>
<!-- tag To draw Line list -->
<hr>
<br>
<!-- tag To write paragraph -->
<p>Hii everyone My Name is Arvind I have completed My Masters.

    I have <br> taken the pw course to learn web development.
</p>
<h2>What is going to learn in this course.-</h2>
<ul>
    <li>Html</li>
    <li>CSS</li>
    <li>Java Script</li>
    <li>Node Js</li>
</ul>
<!-- tag orderd list -->
<ol type="A">
    <li>Java Script</li>
    <li>Java</li>
    <li>React Js</li>
    <!-- Nested tag orderd list -->
    <ol type="1" start="0">
        <li>Component</li>
        <li>Props</li>
        <li>State</li>
    </ol>
    <li>Node Js</li>
</ol>

</div>
</body>
</html>

```

```

<=====
=====>

```

Q4. Write a short note on Tag and element with an example. ?

Ans - Tag :- Tag is keyword which enclosed with angle brackets. In Html a tag is very essential part. It help to define the structure of webpage. Tags help browser to interpret the content. the tag defines the start or end of an HTML.
 Example :- <h1> it is opening tag of heading , and </h1> it is closing tag of heading. And self closing tag is .

Element :- An element refers to complete structure, including the opening tag and closing tag. It represent the both opening and closing tag.
 An element combines tags and content to create a functional unit in the webpage's structure.
 Example :- element is <h2> Hii Every One </h2>.

```

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=====>

```

Q5. What is the DOCTYPE Declaration in HTML. ?

Ans - DOCTYPE is very important in Html. DOCTYPE help to identify the version of html which is use in the html. It help the webpage to identify the correct version and help in render the webpage correctly.
syntex :- <!DOCTYPE html>

<=====

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