1. <!DOCTYPE html> Is it a tag of HTML? If not, what is it and why do we use it?

   **ANS:** No it is not a tag of HTML, It is a document-type declaration, also known as DOCTYPE. The DOCTYPE declaration instruction to the web browser about what version of HTML is written in.

2. Explain Semantic tags in HTML. And why do we need it?

   **ANS:** Semantic tag clearly describes its meaning to both browser and developer for example <artical>, <nav>, <headers> etc.
   Its used for developers and browser, the developer knows what content is inside the tag. And it helps the browser to display probably.

3. Different between HTML tag and Element?

   **ANS:**  Tag is a piece of code used to define the structure and appearance of a webpage. Tags are enclosed in angle brackets and usually come in pairs with an opening tag and a closing tag <p>tag is used to define paragraphs.
   **Element:** On the other hand elements are complete units of a tag. Element has opening tag, closing tag and content inside tag. For example <p> this is paragraph </p>. This complete thing is called an element.

4. Build Your Resume using HTML only
   **ANS:**  Preview  | Github link

5. Write HTML code so that it looks like the below image
   **ANS:** Preview | Github

6. What are some of the advantages of HTML5 over its previous version?

   ● Html5 introduces some semantic tags such as <header>, , <artical> etc. it helps organize code and structure code files. These tags give better clarity to search engine optimization.
   ● It supports audio, video controls with the use of multimedia tag like <audio>, <video>
   ● Html5 is more mobile-friendly and easy to use.
   ● Html5 is compatible with all browsers.

7. Create a simple Music Player using Html Only.
   **ANS:** Preview | Github

8. What is the difference between <figure> tag and <img> tag?
   **ANS:** The '<figure>' tag is used when you want to group an image or other media together with a caption. It helps create a logical connection between

the content and its description.

The '<img>' tag, on the other hand, is used especially for displaying an image on a web page. It doesn't include any caption or additional content, just the image itself.

So, if you want to show an image with the caption you can use the '<figure>' tag. If you only need to display an image without any extra text, you can use the '<img>' tag.

9.  What is the difference between HTML tags and attributes and give examples of some global attributes?

**ANS: Html tags** are used to define the structure and content of elements within an HTML document. They are represented by angle brackets (<>) and come with pairs: an opening tag and closing tag.

**HTML Attributes:** Attributes are used to provide additional information or modify the behaviour of HTML elements.
Here are some examples of global attributes:
*   'Class' specifics one or more CSS classes to apply to an element.
*   'Id' Provides a unique identifier for an element.
*   'Style' Allows inclined CSS to be applied to an element.

10. Build  Table which looks like the given image.
    **ANS:** [Preview](Preview) | [Github](Github)