

1.Definitions:

HTML - (Hyper Text Markup Language) is markup language for creating web pages.

CSS - (Cascading Style Sheets) describes the style of an HTML document.

Javascript - is modern programming language of HTML and the Web.

HTTP - (hypertext transfer protokol) is the protocol to exchange or transfer hypertext.

HTML5 - It is current version of the HTML standard.

DHTML - is collection of technologies used together to create interactive and animated web sites.

2.Coding conventions:

Are a set of guidelines for a specific programming language that recommend programming style, practices, and methods for each aspect of a program written in that language.

Improve the readability of source code and make software maintenance easier.

3.HTML5:

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <title>Sample page</title>
```

```
  <link rel="stylesheet" href="style.css">
```

```
  <script src="script.js"></script>
```

```
</head>
```

```
<body>
```

```
  <h1>Sample page</h1>
```

```
  <p>this is a sample</p>
```

```
  <!-- this is a comments -->
```

```
</body>
```

```
</html>
```

4.Developer tools:

Ctrl+Shift+I

mouse right click->Inspect

6.Node.js:

```
Microsoft Windows [Version 6.1.7601]
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C:\Users\Poi>node hello.js

H  H EEEEE L    L    000      W  W 000 RRRR L    DDDD ??
H  H E     L    L    0  0      W W W 0  0 R  R L    D  D ??
HHHHH EEEEE L    L    0  0      W W W 0  0 RRRR L    D  D ??
H  H E     L    L    0  0      W W 0  0 R  R L    D  D ??
H  H EEEEE LLLLL LLLLL 000  ..  W W 000 R  R LLLLL DDDD ??

C:\Users\Poi>
```