**Assignment no-3**

Ans 1)-

**HTML-**

It stands for hypertext markup language.

It is used to give the structure of a webpage.

It is not programming language.it is only markup

Language.

A lot of elements,tags and attributes make a

Structure of webpage.

Syntax:-

<DOCTYPE html>

<html>

<head>

<title></title>

</head>

<body>

<h1></h1>

</body>

</html>

Ans 2)-

**CSS-**

It stands for cascading style sheets.

It is used to give the style and decorative design to

The HTML structure.

It makes an attractive website for users.

It provides the features of animations and reusability.

We can give 3 type of design to the website in CSS-

1)inline CSS

2)internal CSS

3) external CSS

Ans 3)-Javascript came into picture because we wanted to give logic to the websites in the early stage.so,we needed a particular language to perform this task then Javascript was introduced in the websites.

Besides,javascript is being used on the frontend as well as backend nowadays.

Ans 4)-**History of Javascript-**

JavaScript language comes from the times when early web browsers were being developed. Netscape Communications company in 1994 created Netscape Navigator that became the most popular web browser in the 90s.

Company’s board quickly realized that browsers should create more dynamic websites and do some activities that do server-side languages, like input validation. First Netscape Communications cooperated with Sun Microsystems to use Netscape Navigator Sun’s programming language Java. Then they wanted to adopt and embed an existing programming language like Scheme, Perl or Python. Eventually they decided to create a scripting language that would complement Java and has a similar syntax.

In 1995 Netscape Communications employed Brendan Eich to develop scripting language for web browsers. Eich prepared it in a very short time. First version of the new language had the Mocha name, whereas the official version used in Netscape Navigator 2 beta version was called LiveScript. In the same 1995 year the newly developed scripting language was renamed to JavaScript and used in the next beta version of Netscape Navigator 2. LiveScript followed a lot of Java features. This, but above all the desire to use the growing popularity of Java to call positive associations with a new language where reasons that it was finally called JavaScript. Also implementation of the language for server-side was introduced.

**ECMAscript:-**This Ecma Standard defines the ECMAScript 2023 Language. It is the fourteenth edition of the ECMAScript Language Specification. Since publication of the first edition in 1997, ECMAScript has grown to be one of the world's most widely used general-purpose programming languages. It is best known as the language embedded in web browsers but has also been widely adopted for server and embedded applications.

ECMAScript is based on several originating technologies, the most well-known being JavaScript (Netscape) and JScript (Microsoft). The language was invented by Brendan Eich at Netscape and first appeared in that company's Navigator 2.0 browser. It has appeared in all subsequent browsers from Netscape and in all browsers from Microsoft starting with Internet Explorer 3.0.

The development of the ECMAScript Language Specification started in November 1996. The first edition of this Ecma Standard was adopted by the Ecma General Assembly of June 1997.