HTML : skeleton(content of the web pages)

CSS: skin(specifying the layout of web pages)

JAVASCRIPT:(brain) behaviour of the webpages.

Java script is a popular programming language.

Java script is a language of the web.

Syntax:

<html>

<head>

<body>

<script>

<p id = “demo”>hello hi <p>

Document.getElementId(id =”demo”).innerHTML = “Hello World!”

</script>

</body>

</head>

</html>

DOM(document object model):

DOM represents your webpage.

DOM incldes all the elements in the HTML page.

DOM is like a tree structure.

3 methods in DOM:

1. Document.getElementById (it will give specified value,and if I didn’t give id value it reads as null
2. Document.getElementByTagName()
3. Document.getElementBYClassName()

What Is DOM?

DOM is w3c (world wide web consortium) standard.

DOM is a language neutral interface that allows programs and scripts to dynamically access and update the content,structure,and style of a document.

1. Core DOM
2. Xml DOM
3. HTML DOM

.innerHTML(PROPERTY)

It changes HTML Elements

Property:

Element.innerHTML = new html content

Element.attribute = new value

Element.style.property = new style

VARIABLES:

Variables are containers for storing data with values.

4 types:

1. Var x = 10;

Var y = 5;

Var z = x + y;

2. let x = 10;

let y = 5;

let z = x + y;

3 const price1 = 10;

Const price2 = 5;

let total = price1 + price2;

4 x = 10

Y = 5

Z = x+y

OPERATORS:

Addition(concatenation)

Subtraction

Division

Multiplication

Percentage

increment

decrement

operator same as

= x = y

+= x =x+y

-= x = x-y

\*= x = x\*y

/= x = x/y

%= x = x%y

\*\*= x= x\*\*y

Comparision operator:

== equalto

== = equal value and equal type

!= notequal

!== not equal value or not equal type

* Greater than

< less than

>= greater than or equal to

<= less than or equal to

? ternary operator

Logical operators

&& logical and

|| logical or

! logical not