1. A pseudo-class is a CSS property which is used to define a special state of an element.

Whereas, a pseudo-element is a property which is used to style specified parts of an element.

1. Types of pseudo-elements:

* ::first-line
* ::first-letter
* ::before
* ::after

1. The before pseudo-element is used to insert some content before an element and after pseudo-element is used to insert some content after an element.
2. The opacity property is used to specify the opacity/transparency of an element.
3. JavaScript is one of the **most important language in** all web development. It is used to program the behavior of web page.
4. We can add comment in JS in two ways:

* Single line comment: Single line comments start with //
* Multi-line comment: Multi-line comments start with /\* and end with \*/.

1. We can crate JS variables by creating it and then we can assign the value to it.

Example:

var place;

place=”India”;

1. Hoisting in JavaScript is used to move all variable and function declarations to the top of the current scope.
2. DATATYPES in JS:

Primitive datatype:

* String
* Number
* Boolean
* Undefined

Complex datatype:

* Function
* Object

1. Isfinite check where the value id a finite number(means it should not be infinite number) whereas the isinteger checks where the value is an integer.
2. Number datatype in JS is used to store numbers. It can store any number value, decimal or non decimal.