

1.JavaScript Variables

- Java script did not provide any data types for declaring variables and a variable in java script can store any type of value.
- Hence java script is loosely typed language. We can use a variable directly without declaring it.
- Only **var** keyword are use before variable name to declare any variable.

Syntax :

var x;

Example :

```
<script>
```

```
var a=10;
```

```
var b=20;
```

```
var c=a+b;
```

```
document.write(c);
```

```
</script>
```

5.1 Types of Variable in JavaScript

(a). Local Variable

(b). Global Variable

a). Local Variable :

A variable which is declared inside block or function is called local variable. It is accessible within the function or block only.

b). Global Variable :

A global variable is accessible from any function. A variable i.e. declared outside the function or declared with window object is known as global variable.

Syntax :

```
<script>
    var value=10;//global variable
    function a()
    {
        alert(value);
    }
    function b()
    {
        alert(value);
    }
</script>
```

Example :

Q. Find sum of two number using
JavaScript

```
<html>

<head>

<script>
function add(){
```

```
var a,b,c;
a=Number(document.getElementById("first").value);
b=Number(document.getElementById("second").value);
c= a + b;
document.getElementById("answer").value= c;
}
</script>
</head>
<body>
First Number: <input id="first">
<br>
Second Number:<input id="second">
<br>
<button onclick="add()">Add</button>
<br>
Answer :<input id="answer">
</body>
</html>
```