

Adding javascript to HTML PAGE

1.Adding javascript in html by embedding code in head section

```
<html>
<head>
<title>Adding javascript in html by embedding code in head section</title>
<h1>Javascript1</h1>
<script type="text/javascript">
function sayhello()
{
alert("hello world");
}
</script>
</head>
<body>
<button type="button" onclick="sayhello()">click me</button>
</body>
</html>
```

2.Adding javascript in html by embedding code in Body section

```
<html>
<head>
<title>Adding javascript in html by embedding code in Body section</title>
<h1>Javascript2</h1>
</head>
<body>
<script type="text/javascript">
function sayhello()
```

```
{  
alert("hello world");  
}  
</script>  
<button type="button" onmouseover="sayhello()">click me</button>  
</body>  
</html>
```

3.Adding javascript in html by inline code

```
<html>  
<head>  
<title>Adding javascript in html by inline code</title>  
<h1>Javascript</h1>  
</head>  
<body>  
<button type="button" ondblclick="alert('hello world!')">Click me</button>  
</body>  
</html>
```

4.Adding javascript in html by using an external javascript file

HTML FILE CODE

```
<html>  
<head>  
<title>Adding javascript in html by using an external javascript file</title>  
<h1>Javascript4</h1>
```

```
</head>
<body>
<button type="button" onmouseover="sayhello()">click me</button>
<script type="text/javascript" src="app.js"></script>
</body>
</html>
```

app.js

```
function sayhello()
{
alert("hello world");
}
```

Javascript Fundamentals

Javascript statement and syntax using var keyword

```
<html>
<head>
<title>Javascript statement and syntax using var keyword</title>
<h1>Javascript5</h1>
</head>
<body>
<script type="text/javascript">
var a=5;
var b=6;
var sum=a+b;

//ways of representing output in javascript
```

```
document.write(sum);
```

```
alert(sum);
```

```
console.log(sum);
```

```
</script>
```

```
</body>
```

```
</html>
```

Javascript statement and syntax using let keyword

```
<html>
```

```
<head>
```

```
<title>Javascript statement and syntax using let keyword</title>
```

```
<h1>Javascript6</h1>
```

```
</head>
```

```
<body>
```

```
<script type="text/javascript">
```

```
let a=5;
```

```
let b=6;
```

```
let sum=a+b;
```

```
//ways of representing output in javascript
```

```
document.write(sum);
```

```
alert(sum);
```

```
console.log(sum);
```

```
</script>
```

```
</body>
```

</html>

Javascript statement and syntax using const keyword

<html>

<head>

<title>Javascript statement and syntax using const keyword</title>

<h1>Javascript7</h1>

</head>

<body>

<script type="text/javascript">

const a=5;

const b=6;

const sum=a+b;

//ways of representing output in javascript

document.write(sum);

alert(sum);

console.log(sum);

</script>

</body>

</html>

Inserting output inside of an HTML element

<html>

<head>

```
<title>Inserting output inside an html element</title>
<h1>Javascript8</h1>
</head>
<body>
<p id="greet"></p>
<script type="text/javascript">
//document.getElementById("greet").innerHTML="hello world";
document.getElementById("greet").textContent="Naina";
</script>
</body>
</html>
```

Insert new line in javascript

```
<html>
<head>
<title>Insert new line in js using br tag</title>
<h1>Javascript9</h1>
</head>
<body>
<script type="text/javascript">
var a=2;
var b=3;
```

```
var sum=a+b;
document.write("hello world" + "<br>");
document.write("The sum is ",sum);
//or you can use + sign
//document.write("The sum is " + sum);
</script>
</body>
</html>
```

Javascript case sensitive

```
<html>
<head>
<title>JS case sensitive</title>
<h1>Javascript10</h1>
</head>
<body>
<p id="greet"></p>
<script type="text/javascript">
var a=2;
document.write(A);
document.getElementById("greet").innerHTML="hello world";
```

</script>

</body>

</html>

//output will be not visible because of case mismatch