

Course Name: **O Level (1st Sem)**
Topic: **JavaScript – Introduction [Part 01]**

Subject **Web Designing & Publishing (WDP)**
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JavaScript – Introduction

- JavaScript is very **powerful client side scripting language**. It was developed by Brendan Eich in 1995.
- It is mainly used for **enhancing the interaction of a user** with a webpage. More **interactive webpage** can be designed using JavaScript.
- JavaScript can change the **behavior of the webpage**.
- It is also being used in game development and mobile application development.
- All modern web browser support JavaScript. Browser is responsible for running JavaScript code.
- JavaScript can be run on any operating system. Only text/ code editor is required to write JavaScript code, and a browser to display your web page.
- **JavaScript is case-sensitive language. JavaScript is free to use.**
- JavaScript code can be written in:
 - In head section of HTML file.
 - In body section of HTML file.
 - In head and body section both.
 - In an external file, then include in head section.

Syntax for writing JavaScript code:

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

Write JavaScript code here

```
.....  
</script>
```

Steps to run JavaScript program:

- Write code in text/code editor.
- Save the file with extension .htm or .html (if JavaScript code is written head or body section of HTML)
- Run the saved file by opening it using any browser.

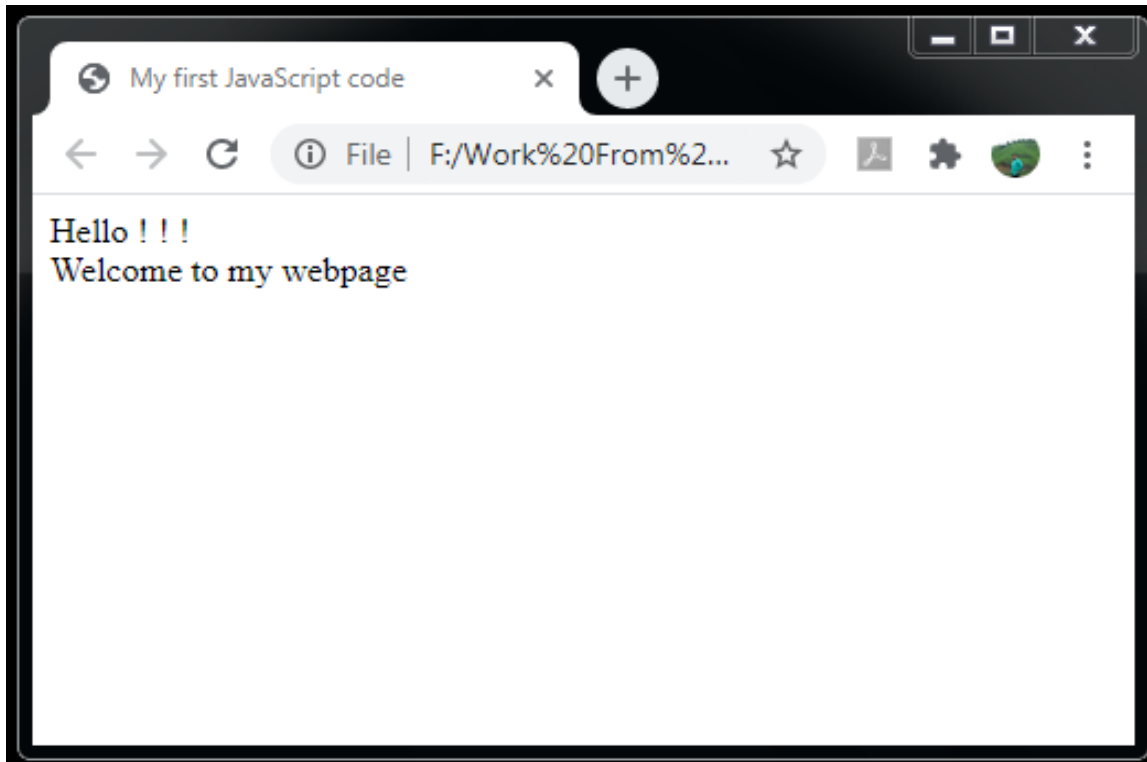
Note: If separate file is used to write JavaScript code, then this file must be saved with .js extension and then linked into .html file.

A very first example of JavaScript

```
<html>
<head>
  <title>
    My first JavaScript code
  </title>
</head>
<body>
  <script type="text/javascript">
    document.write("Hello !!!<br>");
    document.write('Welcome to my webpage');
  </script>
</body>
</html>
```

document.write() is a method of JavaScript. It is used to write text to the HTML document.

Output:



Exercise:

1. What is the use of JavaScript?
2. Write syntax for adding JavaScript code in HTML.

