**Assignment 1**

Problem Statement: Introduction and Variable datatypes

1. Lunch Visual studio editor and create your first ‘Hello World!’ TypeScript program in Visual Studio Code and view an output on a web browser.
2. //addition.ts
3. var hello:string="Hello World...!";
4. console.log(hello);
5. //html code addition.html
6. <html>
7. <title>TypeScript</title>
8. <script src="addition.js"></script>
9. </html>

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2. Create a sample Homogeneous array and write a program to display its array length.

//arrlen.ts

var array:Array<any>=[123,"abc",true,12.5];

console.log("Length of Array is: ",array.length);

//arr.html

<html>

    <title>TypeScript</title>

    <script src="arrlen.js"></script>

</html>

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3. Create a file ‘ popup.ts ’ and write sample code for alert, confirm and prompt keywords.

alert("Welcome to the Browser :)");

confirm("Are you want to connect with browser..?");

var p=prompt("Please give feedback");

console.log(p);

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4. Create a file enum.ts and define the enum with two constant values and access the result in browser.

//enum.ts

enum Gender{

    Male,Female

}

console.log(Gender[0]+" "+Gender[1]);

//enum.html

<html>

    <title>TypeScript</title>

    <script src="enum.js"></script>

</html>

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