**Assignment – 4**

Problem Statement: Arrow Functions, Variable prefixes

1. Write a program to double the number using arrow function.
2. var double=(n:number)=> n\*2;
3. console.log("Result of n\*2 is: ",double(5));
4. //html code
5. <html>
6. <title>TypeScript</title>
7. <script src="arrowfun.js"></script>
8. </html>

Graphical user interface, application

Description automatically generated

2. Write a simple ‘Hello’ code using arrow function and pass parameter to function that should return ‘Hello Name’ (any sample name).

var hello=(str:string):string=>{

    return "Hello "+str;

}

console.log(hello("Jhon"));

<html>

    <title>TypeScript</title>

    <script src="hello.js"></script>

</html>

Graphical user interface, application, Word

Description automatically generated

3. Perform some sample coding using let, const, and declare prefix in typescript.

for(let i=0;i<5;i++){

    console.log(i\*i);

}

const i:number=5;

i\*=5;//raise error

console.log(i);

Graphical user interface, text, application

Description automatically generated