Array:

class MyClass

{

   dispaly() {

        var MyArray:number[];

        MyArray=[10,11,12,13,1,4,15];

        //console.log("Array 1st Element: "+MyArray[0]);

        for(var i=0;i<MyArray.length;i++)

        {

            console.log(MyArray[i]);

        }

    }

 }

let obj1=new MyClass();

obj1.dispaly();

Variable Dec using Var Keyword:

class MyClass

{

   dispaly() {

        if(true){

        var x=10;

        console.log("Inside if Block: "+x);

        }

        console.log("Outside if Block within the method: "+x);

    }

 }

let obj1=new MyClass();

obj1.dispaly();

Variable Dec using Let Keyword:

class MyClass

{

   dispaly() {

        if(true){

        let x=10;

        console.log("Inside if Block: "+x);

        }

        //console.log("Outside if Block within the method: "+x);//Error

    }

 }

let obj1=new MyClass();

obj1.dispaly();

Arrow Function:

class MyClass

{

   dispaly() {

        if(true){

        let x=10;

        console.log("Inside if Block: "+x);

        }

        //console.log("Outside if Block within the method: "+x);//Error

    }

    show=()=>console.log("this is arrow function");

 }

let obj1=new MyClass();

obj1.dispaly();

obj1.show();

class MyClass

{

   x:number=100;

   dispaly() {

        if(true){

        let x=10;

        console.log("Inside if Block: "+x);

        }

        //console.log("Outside if Block within the method: "+x);//Error

    }

    show=()=>console.log("Value is: "+this.x);

 }

let obj1=new MyClass();

obj1.dispaly();

obj1.show();

class MyClass

{

   dispaly() {

        if(true){

        let x=10;

        console.log("Inside if Block: "+x);

        }

        //console.log("Outside if Block within the method: "+x);//Error

    }

    add=(a:number,b:number):number=>{

        return  a+b;

    }

 }

let obj1=new MyClass();

obj1.dispaly();

var result=obj1.add(50,100);

console.log(result);

Template String using backtick(`)

class MyClass

{

   Id:number=101;

   Name:string="NameTest1"

   dispaly()

    {

        console.log(`Id is ${this.Id} and Name is ${this.Name}`);

    }

 }

let obj1=new MyClass();

obj1.dispaly();

Generics :

class MyClass<T1,T2>

{

   X:T1;

   Y:T2;

   dispaly(i:T1,n:T2):void

    {

        this.X=i;

        this.Y=n;

        console.log(`X is ${this.X} and Y is ${this.Y}`);

    }

 }

let obj1=new MyClass<number,string>();

obj1.dispaly(10,"Str2");