```javascript
// ============= this Introduction =============

// this keyword think like inside the function a variable pass
// function add(x, y, this){ };   => we don't have to pass this it auto goes

// this key wort refer to the object example:
let me = {
    Name: "Mehedi",
    // function
    outPutMe: function(){
        console.log(this); //{Name: "Mehedi", outPutMe: ƒ} => After call
        // that menas "this" keyword refer hole "me" object
    },
};
// call the object fuction like:
    me.outPutMe();

// ********** use this and object property inside => object function *****

let Obj = {

    Name: "Hasan",

    outputName: function () {
        console.log(this.Name); // "Hasan" . this indecate hole "obj" then use Name key.
    }


};
// use or call object function

    Obj.outputName(); // call method

// ********** if we create function outside of the object still it can be use ******


let ADD = {
    num1: 10,
    num2: 20,
    output: add,
};

function add(){

    console.log(this);

    return this.num1 + this.num2;
}

// call method
    let res = ADD.output(); // {num1: 10, num2: 20, output: ƒ}
    console.log(res); //  30

// call as function
    add(); // Window {window: Window, self: Window, document: document, name: "", location: Location, …}
```

```javascript
57
58   // but we use  function is strict
59   function normal_fun(){
60       'use strict';
61       console.log(this); // give undefined
62   };
63   // call normal function
64       normal_fun();
65
66   // =========== constrctor =============
67    // important topic
68
69   function Person(){
70       console.log(this); // give empty object => Person {}
71
72       this.Nam = "Mehedi"; // assign key : value by use this object
73       console.log(this.Nam); // Mehedi
74       console.log(this); // Person {Nam: "Mehedi"}
75
76   }
77
78   // create object of that function
79       let person = new Person();
80       console.log(person); // Person {Nam: "Mehedi"}
```