Function in JavaScript

// Function to calculate Interest

function interest (t=1, p = 10, r=10) by providing time rate and amount

{

var i = (t\*p\*r)/100;

return i;

}

console.log (interest (2,2000,12));

// Expression Function Example

const areaCircle = function(radius){

const area = Math.PI\*radius\*2;

const finalarea = area.toFixed (3);

return finalarea;

};

console.log (areaCircle (10));

// Immediate Invokable Function Expression

(function (msgg){

console.log(msgg)

}(‘hello’);

Iteration of Objects through For & ForEach Loop

var pets = [ // An Array containing Objects

{

category: 'domestic',

name: 'Rabbit'

},

{

category: 'wild',

name: 'Lion'

},

{

category: 'wild',

name: 'Eligator'

},

{

category: 'domestic',

name: 'Cow'

}

]

//Accessing the objects of the Array with For Loop

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

{

console.log (pets[i].name); console.log (pets[i].category);

}

//Accessing the objects of the Array with ForEach Loop

pets.forEach (function (pets)

{

console.log (pets.name+' '+pets.catagory)

}

);

//Accessing the objects of the Array with For In Loop

for ( let x in pets)

{

console.log (pets[x].name+' '+pets[x].category)

}

Property Methods in JavaScript

const feature = {

add: function ()

{

console.log ('Successfully Added');

},

edit: function ()

{

console.log ('Editing Your Content');

},

remove: function (item)

{

console.log (`Successfully Removed ${item}`);

},

}

//Adding a new function to feature

feature.update = function()

{

console.log ('Successfully Updated');

}

feature.add();

feature.edit ();

feature.remove (55);

feature.update ();

Window Object methods

document.write(alert()); // It Will give a pop Message

var mssg=document.write(prompt('Enter Your massage')); // It Will give a pop Message input box

document.write ('Your Messege is'+mssg);

document.write (confirm( 'Are You Sure Want To publish')); // It Will give a pop for Confirmation

Location Object

var val = window.location;

window.location.hostname;

window.location.port;

window.location.href;

//We can Redirect our Page.

window.location.href=’http://google.com

//We can Reload our Page.

window.location.reload();