var A=new Array(10,2,1,30,40,100,22,3);

var sum=0;

function addArrayElements(A)

{

console.log("\n"+A+"\n");

var length=A.length;

console.log("Array contains "+length+" elements");

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

{

sum=sum+A[i];

}

console.log("\nSum of elements : "+sum);

}

addArrayElements(A);

/\*------------------------------------------------------

C:\wamp\www\PHP48\_50\Node js demos>node arrayAdd.js

10,2,1,30,40,100,22,3

Array contains 8 elements

Sum of elements : 208

C:\wamp\www\PHP48\_50\Node js demos>

\*/

**//arrayClientCode.js**

var a=require("./arrayfunctionModule");

var A=new Array(10,2,1,30,40,100,22,3);

var sum=a.addArrayElements(A);

console.log("\nSum of elements : "+sum);

//arrayfunctionModule.js

exports.addArrayElements=function(A)

{

console.log("\n"+A+"\n");

var length=A.length;

console.log("Array contains "+length+" elements");

var sum=0;

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

{

sum=sum+A[i];

}

return sum;

}

// node arrayDemo.js

/\*

var arr = new Array(25,35,45,55,65,25,79,25);

console.log("\nLenght="+arr.length);

console.log("\nArray elements are : \n\n"+arr);

\*/

function search(num)

{

var arr=[10,20,30,40,20,10,10,10,10,10];

console.log(num+" found at positions: ");

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

{

if(arr[i]==num)

{

j=0;

var pos=[];

//store the locations in an array pos[]

pos[j]=i;

j++;

console.log(pos+" ");

}

}

}

search(10);

/\*--------------------------------------

C:\wamp\www\PHP48\_50\Node js demos>node arrayDemo.js

10 found at positions:

0

5

6

7

8

9

C:\wamp\www\PHP48\_50\Node js demos>

\*/

**// arraySearch.js**

var A=new Array(10,2,1,30,40,100,22,3);

var flag=0;

function search(A,num)

{

console.log("\n"+A+"\n");

var length=A.length;

console.log("Array contains "+length+" elements");

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

{

if(A[i]==num)

{

flag=1;

break;

}

}

if(flag==1)

console.log("\n"+num+" found at location "+(i+1));

else

console.log("\n"+num+" not found");

}

search(A,400);

/\*----------------------------------------------------

C:\wamp\www\PHP48\_50\Node js demos>node arraySearch.js

10,2,1,30,40,100,22,3

Array contains 8 elements

40 found at location 5

C:\wamp\www\PHP48\_50\Node js demos>node arraySearch.js

10,2,1,30,40,100,22,3

Array contains 8 elements

400 not found

C:\wamp\www\PHP48\_50\Node js demos>

\*/

//events.html

<html>

<head>

<script src="jquery-3.4.0.js"></script>

<script>

console.log("Hello World");

$(document).ready(function()

{

$("#btn2").bind('click',function()

{

var i=$('input[name="txt"]').clone();

$("#mydiv").append(i);

});

$("#btn1").click(function()

{

//copy btn2

var btn2copy=$("#btn2").clone();

$("#mydiv").append(btn2copy);

});

$("#btn2").click(function()

{

var copyP=$("#ptag").clone();

$("#myid").append(copyP);

});

//unbind the events on button 1 and 2

//$('#btn2').unbind("click");

//$('#btn1').unbind("click");

});

</script>

</head>

<body>

<div id="parent">

<button type="button" name="btn" id="btn1" >This is Button 1 : Going to Copy Button 2</button>

<button type="button" name="btn" id="btn2">Button 2</button>

<p id="ptag">Copy of P tag</p>

<div id="mydiv">

<input type="text" name="txt">

</div>

</div>

<div id="myid"></div>

</body>

</html>

**//delegate.html**

<html>

<head>

<script src="jquery-3.4.0.js"></script>

<script>

console.log("Hello World");

$(document).ready(function()

{

$("#parent").delegate("#btn2",'click',function()

{

var i=$('input[name="txt"]').clone();

$("#mydiv").append(i);

});

$("#btn1").click(function()

{

//copy btn2

var btn2copy=$("#btn2").clone();

$("#mydiv").append(btn2copy);

});

$("#btn2").click(function()

{

var copyP=$("#ptag").clone();

$("#myid").append(copyP);

});

$('#parent').undelegate("#btn2","click");

//$('#btn1').unelegate("click");

});

</script>

</head>

<body>

<div id="parent">

<button type="button" name="btn" id="btn1" >This is Button 1 : Going to Copy Button 2</button>

<button type="button" name="btn" id="btn2">Button 2</button>

<p id="ptag">Copy of P tag</p>

<div id="mydiv">

<input type="text" name="txt">

</div>

</div>

<div id="myid"></div>

</body>

</html>