```html
<html>
    <body>
        <h1 id="h1">From HTML</h1>
        <h1 id="h2"></h1>
        <h1 id="h3"></h1>
        <h1 id="h4"></h1>
        <h1 id="h5"></h1>
        <h1 id="h6"></h1>
        <h1 id="h7"></h1>
        <h1 id="h8"></h1>

        <input type="button" onclick="hello()" value="Click">
        < input type="button" onclick="myFunction()"value="Count!">
        <script>
            //hello();
            function hello()
            {
                document.getElementById("h1").innerHTML="From JS";
            }
            //hello();
            //add(4,5);
            function add(a,b=3)
            {
                c = a+b;
                return c;
            }

            document.getElementById("h2").innerHTML="Addition: " + add(10,12);

            const x =function(a,b){return a*b;};

            document.getElementById("h3").innerHTML= x(20,40);

            const y = (a,b) => b*a;

            document.getElementById("h4").innerHTML= y(12,40);

            (function(){document.getElementById("h5").innerHTML="Self
Invoking";})();

            function sumitup()
            {
                sum=0;
                for(i=0;i<arguments.length;i++)
                {
                    sum+=arguments[i];
                }
                return sum;
```

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                  }

document.getElementById("h6").innerHTML=sumitup(2,3,6,5,4,8);

document.getElementById("h7").innerHTML=sumitup(2,4,8);

var add = (function () {
 var counter = 0;
 console.log("outer function");
 return function (){
        console.log("Inner function");
        counter+=1;
        return counter;
 }
})();

function myFunction(){
 document.getElementById("h8").innerHTML = add();
}
            </script>
      <body>
</html>
```