

```
1 <!DOCTYPE html>
2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     // (1) 함수 정의
9     function show() {
10       document.write('show() 함수 호출 성공!');
11     }
12
13     // (2) 함수 호출(실행)
14     show();
15
16     /*
17     함수 정의
18     function 함수이름 ( 매개변수 ) { 실행문; }
19     function(o), Function(x)
20     함수이름 : 임의 지정(단, 예약어 사용 불가)
21     매개변수 : 실행에 필요한 값 또는 값 목록 --> 준비물
22     실행문   : 함수 호출시 실행되는 구문
23     */
24   </script>
25 </head>
26 <body>
27
28 </body>
29 </html>
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6   <title>함수</title>
7   <script>
8     // (1) 함수 정의
9     function show() {
10       document.write('show() 함수 호출 성공!');
11     }
12
13     // (2) 함수 호출(실행)
14     var view = show; //변수에 함수 대입
15
16     view(); //실행1: 변수 실행
17
18     document.write( view ); //실행2: 변수의 내용 출력
19
20   </script>
21 </head>
22 <body>
23
24 </body>
25 </html>
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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var view = function () {
9       document.write('<h2>익명 함수 호출 성공!');
10    }
11
12    view();
13
14    /*
15    익명 함수 문법
16    function ( 매개변수 ) { 실행문; }
17    */
18  </script>
19 </head>
20 <body>
21
22 </body>
23 </html>
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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     ( function () {
9       document.write('<h2>람다 함수 호출 성공!');
10    } ) ();
11  </script>
12 </head>
13 <body>
14
15 </body>
16 </html>
```

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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var input = prompt('변환할 초를 입력하세요', 1);
9
10    function unit () {
11      var result = input * 1000;
12      return result;
13    }
14
15    document.write('<h3>입력한 ' + input + '초(s)는 ');
16    document.write( unit() + '밀리초(ms) 입니다.');
```

17 </script>

18 </head>

19 <body>

20

21 </body>

22 </html>

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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     function process () {
9       return 100;
10    }
11
12    document.write('<h2>process() 호출 결과 : ');
13    document.write(process());
14  </script>
15 </head>
16 <body>
17
18 </body>
19 </html>
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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     function subject ( x ) {
9       document.write('<h3> x : ' + x);
10    }
11
12    subject( 'Javascript' );
13    subject( 'jQuery' );
14  </script>
15 </head>
16 <body>
17
18 </body>
19 </html>
```

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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     function subject ( x, y ) {
9       document.write('<h3> x : ' + x);
10      document.write('<h3> y : ' + y);
11    }
12
13    subject( 'Javascript', 'jQuery' );
14  </script>
15 </head>
16 <body>
17
18 </body>
19 </html>
```



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1 <!DOCTYPE html>
2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var name = '홍길동';
9
10    var a = 90;
11    var b = 80;
12    var c = 70;
13    function sum ( x, y, z ) {
14      var result = x + y + z;
15      return result;
16    }
17
18    function avg () {
19      var res = sum(a, b, c) / 3;
20      return res;
21    }
22
23    document.write(name + '의 총점 : ');
24    document.write( avg() );
25  </script>
26 </head>
27 <body>
28
29 </body>
30 </html>
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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     function vp () {
9       document.write( arguments[1] );
10      document.write('<br>');
11      document.write( arguments[0] );
12    }
13
14    vp('jQuery', 'Javascript');
15  </script>
16 </head>
17 <body>
18
19 </body>
20 </html>
```

```
1 <!DOCTYPE html>
2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var num = prompt('제곱미터 값을 입력하세요', 85);
9
10    document.write('<h3>입력한 값 : ' + num);
11    document.write('<h3>변환 결과 : ');
12
13    var cal = function ( m ) {
14      m = m / 3.3;
15      return m;
16    }
17
18    function changeArea ( mv ) {
19      var res = cal( mv ).toFixed(1);
20      document.write( res + '평형' );
21    }
22
23    changeArea( num );
24  </script>
25 </head>
26 <body>
27
28 </body>
29 </html>
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1 <!DOCTYPE html>
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4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var num = prompt('제곱미터 값을 입력하세요', 85);
9
10    document.write('<h3>입력한 값 : ' + num);
11    document.write('<h3>변환 결과 : ');
12
13
14    function changeArea ( mv ) {
15      var cal = function ( m ) {
16        m = m / 3.3;
17        return m;
18      }
19      var res = cal( mv ).toFixed(1);
20      document.write( res + '평형' );
21    }
22
23    changeArea( num );
24  </script>
25 </head>
26 <body>
27
28 </body>
29 </html>
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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var x = 10;
9
10    function gv () {
11      x += 50;
12      document.write('<h3>x = ' + x);
13    }
14
15    function lv () {
16      var y = 20;
17      y += x;
18      document.write('<h3>y = ' + y);
19    }
20
21    gv();
22    lv();
23
24    document.write('<hr>');
25    document.write('<h2>x = ' + x);
26    document.write('<h2>y = ' + y);
27  </script>
28 </head>
29 <body>
30
31 </body>
32 </html>
```

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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var n = 10;
9
10    function lv ( n ) {
11      document.write('<h3>n = ' + n);
12    }
13
14    lv( 100 );
15  </script>
16 </head>
17 <body>
18
19 </body>
20 </html>
```

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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     function fact ( n ) {
9       if ( n < 1 ) {
10        document.write('<h3>종료되었습니다. ');
11      } else {
12        document.write( n + '<br>' );
13
14        // fact( n - 1 );
15        arguments.callee( n - 1 );
16      }
17    }
18
19    var count = prompt('카운트할 숫자', 10);
20    fact( count );
21  </script>
22 </head>
23 <body>
24
25 </body>
26 </html>
```

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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var x = 10;
9     var y = 1/0;
10
11     document.write('<h3>x = ' + x);
12     if ( isNaN(x) ) {
13       document.write(' : 숫자 아님(isNaN)');
14     } else {
15       document.write(' : 숫자');
16     }
17
18     document.write('<h3>y = ' + y);
19     if ( isFinite(y) ) {
20       document.write(' : 유한한 값(isFinite)');
21     } else {
22       document.write(' : 무한한 값(Infinity)');
23     }
24   </script>
25 </head>
26 <body>
27
28 </body>
29 </html>
```



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2 <html lang="ko">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>함수</title>
7   <script>
8     var x = '2';
9     var y = '5';
10
11     document.write('<p>x = ' + x);
12     document.write('<p>y = ' + y);
13
14     document.write('<p>x + y = ');
15     document.write(x + y); //25
16
17     document.write('<p>Number(x) + Number(y) = ');
18     document.write( Number(x) + Number(y) ); //7
19
20     document.write('<p>Number("3.14abc") = ');
21     document.write( Number('3.14abc') ); //NaN
22
23     document.write('<p>parseInt("3.14abc") = ');
24     document.write( parseInt('3.14abc') );
25
26     document.write('<p>parseFloat("3.14abc") = ');
27     document.write( parseFloat('3.14abc') );
28
29     document.write('<p>String( 3.14 )의 자료형 : ');
30     document.write( typeof String(3.14) );
31
32   </script>
33 </head>
34 <body>
35
36 </body>
37 </html>
```