```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    // (1) 함수 정의
    function show() {
      document.write('show() 함수 호출 성공!');
    }

    // (2) 함수 호출(실행)
    show();

    /*
    함수 정의
      function 함수이름 ( 매개변수 ) { 실행문; }
      function(o), Function(x)
      함수이름 : 임의 지정(단, 예약어 사용 불가)
      매개변수 : 실행에 필요한 값 또는 값 목록 --> 준비물
      실행문   : 함수 호출시 실행되는 구문
     */
  </script>
</head>
<body>

</body>
</html>
```

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<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    // (1) 함수 정의
    function show() {
      document.write('show() 함수 호출 성공!');
    }

    // (2) 함수 호출(실행)
    var view = show;  //변수에 함수 대입

    view(); //실행1: 변수 실행

    document.write( view ); //실행2: 변수의 내용 출력

  </script>
</head>
<body>

</body>
</html>
```

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<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var view = function () {
      document.write('<h2>익명 함수 호출 성공!');
    }

    view();

    /*
    익명 함수 문법
      function ( 매개변수 ) { 실행문; }
     */
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    ( function () {
      document.write('<h2>람다 함수 호출 성공!');
    } ) ();
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var input = prompt('변환할 초를 입력하세요', 1);

    function unit () {
      var result = input * 1000;
      return result;
    }

    document.write('<h3>입력한 ' + input + '초(s)는 ');
    document.write( unit() + '밀리초(ms)  입니다.');
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    function process () {
      return 100;
    }

    document.write('<h2>process() 호출 결과 : ');
    document.write(process());
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    function subject ( x ) {
      document.write('<h3> x : ' + x);
    }

    subject( 'Javascript' );
    subject( 'jQuery' );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    function subject ( x, y ) {
      document.write('<h3> x : ' + x);
      document.write('<h3> y : ' + y);
    }

    subject( 'Javascript', 'jQuery' );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var name = '홍길동';

    var a = 90;
    var b = 80;
    var c = 70;
    function sum ( x, y, z ) {
      var result = x + y + z;
      return result;
    }

    function avg () {
      var res = sum(a, b, c) / 3;
      return res;
    }

    document.write(name + '의 총점 : ');
    document.write( avg() );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    function vp () {
      document.write( arguments[1] );
      document.write('<br>');
      document.write( arguments[0] );
    }

    vp('jQuery', 'Javascript');
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var num = prompt('제곱미터 값을 입력하세요', 85);

    document.write('<h3>입력한 값 : ' + num);
    document.write('<h3>변환 결과 : ');

    var cal = function ( m ) {
      m = m / 3.3;
      return m;
    }

    function changeArea ( mv ) {
      var res = cal( mv ).toFixed(1);
      document.write( res + '평형' );
    }

    changeArea( num );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var num = prompt('제곱미터 값을 입력하세요', 85);

    document.write('<h3>입력한 값 : ' + num);
    document.write('<h3>변환 결과 : ');


    function changeArea ( mv ) {
      var cal = function ( m ) {
        m = m / 3.3;
        return m;
      }
      var res = cal( mv ).toFixed(1);
      document.write( res + '평형' );
    }

    changeArea( num );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var x = 10;

    function gv () {
      x += 50;
      document.write('<h3>x = ' + x);
    }

    function lv () {
      var y = 20;
      y += x;
      document.write('<h3>y = ' + y);
    }

    gv();
    lv();

    document.write('<hr>');
    document.write('<h2>x = ' + x);
    document.write('<h2>y = ' + y);
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var n = 10;

    function lv ( n ) {
      document.write('<h3>n = ' + n);
    }

    lv( 100 );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    function fact ( n ) {
      if ( n < 1 ) {
        document.write('<h3>종료되었습니다.');
      } else {
        document.write( n + '<br>');

        // fact( n - 1 );
        arguments.callee( n - 1 );
      }
    }

    var count = prompt('카운트할 숫자', 10);
    fact( count );
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var x = 10;
    var y = 1/0;

    document.write('<h3>x = ' + x);
    if ( isNaN(x) ) {
      document.write(' : 숫자 아님(isNaN)');
    } else {
      document.write(' : 숫자');
    }

    document.write('<h3>y = ' + y);
    if ( isFinite(y) ) {
      document.write(' : 유한한 값(isFinite)');
    } else {
      document.write(' : 무한한 값(Infinity)');
    }
  </script>
</head>
<body>

</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="ko">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>함수</title>
  <script>
    var x = '2';
    var y = '5';

    document.write('<p>x = ' + x);
    document.write('<p>y = ' + y);

    document.write('<p>x + y = ');
    document.write(x + y);  //25

    document.write('<p>Number(x) + Number(y) = ');
    document.write( Number(x) + Number(y) );  //7

    document.write('<p>Number("3.14abc") = ');
    document.write( Number('3.14abc') );  //NaN

    document.write('<p>parseInt("3.14abc") = ');
    document.write( parseInt('3.14abc') );

    document.write('<p>parseFloat("3.14abc") = ');
    document.write( parseFloat('3.14abc') );

    document.write('<p>String( 3.14 )의 자료형 : ');
    document.write( typeof String(3.14) );

  </script>
</head>
<body>

</body>
</html>
```