

JAVASCRIPT FUNCTION LITERALS

http://www.tutorialspoint.com/javascript/javascript_function_literals.htm

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JavaScript 1.2 introduces the concept of **function literals** which is another new way of defining functions. A function literal is an expression that defines an unnamed function.

Syntax

The syntax for a **function literal** is much like a function statement, except that it is used as an expression rather than a statement and no function name is required.

```
<script type="text/javascript">
  <!--
    var variablename = function(Argument List){
      Function Body
    };
  //-->
</script>
```

Syntactically, you can specify a function name while creating a literal function as follows.

```
<script type="text/javascript">
  <!--
    var variablename = function FunctionName(Argument List){
      Function Body
    };
  //-->
</script>
```

But this name does not have any significance, so it is not worthwhile.

Example

Try the following example. It shows the usage of function literals.

```
<html>
  <head>

    <script type="text/javascript">
      <!--
        var func = function(x,y){ return x*y };

        function secondFunction(){
          var result;
          result = func(10,20);
          document.write ( result );
        }
      //-->
    </script>

  </head>
  <body>
    <p>Click the following button to call the function</p>

    <form>
      <input type="button" onclick="secondFunction()" value="Call Function">
    </form>

    <p>Use different parameters inside the function and then try...</p>

  </body>
</html>
```

Output

