# JavaScript

**Objects**:

Object is parent for all the user define and built-in object. Using new Keyword we can create object of Object.

### Example 1

var book = new Object();

book.author = ‘Vikash Singh’;

book.subject = ‘Java’;

document.write(“Book author = “+book.author);

document.write(“Book Subject = “+book.subject);

### Example 2

This example demonstrates how to create an object with a User-Defined Function. Here this keyword is used to refer to the object that has been passed to a function.[Live Demo](http://tpcg.io/QvyusZ)

<html>

<head>

<title>User-defined objects</title>

<script type = "text/javascript">

function book(title, author) {

this.title = title;

this.author = author;

}

</script>

</head>

<body>

<script type = "text/javascript">

var myBook = new book("Perl", "Mohtashim");

document.write("Book title is : " + myBook.title + "<br>");

document.write("Book author is : " + myBook.author + "<br>");

</script>

</body>

</html>

**We can use function as properties** as given in below example:

Try the following example; it shows how to add a function along with an object.[Live Demo](http://tpcg.io/M8jPyN)

<html>

<head>

<title>User-defined objects</title>

<script type = "text/javascript">

// Define a function which will work as a method

function addPrice(amount) {

this.price = amount;

}

function book(title, author) {

this.title = title;

this.author = author;

this.addPrice = addPrice; // Assign that method as property.

}

</script>

</head>

<body>

<script type = "text/javascript">

var myBook = new book("Perl", "Mohtashim");

myBook.addPrice(100);

document.write("Book title is : " + myBook.title + "<br>");

document.write("Book author is : " + myBook.author + "<br>");

document.write("Book price is : " + myBook.price + "<br>");

</script>

</body>

</html>