Description

Unquoted literal constant NaN is a special value representing Not-a-Number. Since NaN always compares unequal to any number, including NaN, it is usually used to indicate an error condition for a function that should return a valid number.

Note – Use the isNaN global function to see if a value is an NaN value.

Syntax

The syntax to use NaN is –

```javascript
var val = Number.NaN;
```

Example

Try the following example to learn how to use NaN.

```html
<html>
<head>

    <script type="text/javascript">
        <!--
            function showValue()
            {
                var dayOfMonth = 50;

                if (dayOfMonth < 1 || dayOfMonth > 31)
                {
                    dayOfMonth = Number.NaN
                    alert("Day of Month must be between 1 and 31.");
                }
                Document.write("Value of dayOfMonth : " + dayOfMonth);
            }
        //-->
    </script>

</head>

<body>
<p>Click the following to see the result:</p>
<form>
    <input type="button" value="Click Me" onclick="showValue();" />
</form>
</body>
</html>
```

Output