

# JAVASCRIPT NUMBER - NAN

[http://www.tutorialspoint.com/javascript/number\\_nan.htm](http://www.tutorialspoint.com/javascript/number_nan.htm)

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## 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 –

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

## Example

Try the following example to learn how to use NaN.

```
<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

