```
** start of undefined **
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-</pre>
    <link rel="stylesheet" href="styles.css"/>
    <title>Technical Documentation Page</title>
</head>
<body>
   <main id="main-doc">
     <section class="main-section" id="introduction">
      <header>Introduction</header>
      >JavaScript is a cross-platform, object-oriented scripting
language. It is a small and lightweight language. Inside a host
environment (for example, a web browser), JavaScript can be connected to
the objects of its environment to provide programmatic control over
them.
       JavaScript contains a standard library of objects, such as
Array, Date, and Math, and a core set of language elements such as
operators, control structures, and statements. Core JavaScript can be
extended for a variety of purposes by supplementing it with additional
objects; for example:
      <l
         Client-side JavaScript extends the core language by
supplying objects to control a browser and its Document Object Model
(DOM). For example, client-side extensions allow an application to place
elements on an HTML form and respond to user events such as mouse clicks,
form input, and page navigation.
         Server-side JavaScript extends the core language by
supplying objects relevant to running JavaScript on a server. For
example, server-side extensions allow an application to communicate with
a database, provide continuity of information from one invocation to
another of the application, or perform file manipulations on a
server.
      </section>
    <section class="main-section" id="What you should already know">
      <header>What you should already know</header>
      This guide assumes you have the following basic background:
      <l
        A general understanding of the Internet and the World Wide
Web (WWW).
        Good working knowledge of HyperText Markup Language
(HTML) 
         Some programming experience. If you are new to programming,
try one of the tutorials linked on the main page about JavaScript.
      </section>
     <section class="main-section" id="JavaScript and Java">
      <header>JavaScript and Java
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</section>

<section class="main-section" id="Hello world">

<header>Hello world</header>

<code>function greetMe(yourName) { alert("Hello " + yourName);
}</code>

<code>greetMe("World");</code>

</section>

<section class="main-section" id="Variables">

<header>Variables

You use variables as symbolic names for values in your application. The names of variables, called identifiers, conform to certain rules.

</section>

<section class="main-section" id="Declaring_variables">

<header>Declaring variables</header>

You can declare a variable in three ways:

With the keyword var. For example,

< code > var x = 42. < / code >

By simply assigning it a value. For example,

 $\langle code \rangle x = 42. \langle /code \rangle$

This always declares a global variable. It generates a strict
JavaScript warning. You shouldn't use this variant.

With the keyword let. For example,

< code > let y = 13. < / code >

This syntax can be used to declare a block scope local
variable. See Variable scope below.

</section>

<section class="main-section" id="Variable scope">

<header>Variable scope</header>

</section>

<section class="main-section" id="Global variables">

<header>Global variables

</section>

<section class="main-section" id="Constants">

<header>Constants/header>

You can create a read-only, named constant with the const
keyword. The syntax of a constant identifier is the same as for a
variable identifier: it must start with a letter, underscore or dollar
sign and can contain alphabetic, numeric, or underscore characters.

<code>const PI = 3.14;</code>

The scope rules for constants are the same as those for let
block scope variables. If the const keyword is omitted, the identifier is
assumed to represent a variable

You cannot declare a constant with the same name as a function or variable in the same scope. For example:

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<code>// THIS WILL CAUSE AN ERROR function f() {}; const f = 5; //
THIS
WILL CAUSE AN ERROR ALSO function f() { const g = 5; var g;
//statements }</code>
      However, object attributes are not protected, so the following
statement is executed without problems.
      <code>const MY OBJECT = {"key": "value"}; MY OBJECT.key =
"otherValue";</code>
    </section>
    <section class="main-section" id="Data_types">
      <header>Data types</header>
      The latest ECMAScript standard defines seven data types:
<l
        Six data types that are primitives:
          <111>
            Boolean. true and false.
            null. A special keyword denoting a null value. Because
JavaScript is case-sensitive, null is not the same as Null, NULL, or any
other variant.
            undefined. A top-level property whose value is
undefined.
            Number. 42 or 3.14159.
            String. "Howdy"
            Symbol (new in ECMAScript 2015). A data type whose
instances are unique and immutable.
          </111>
        and Object
      <<p>><
    </section>
    <section class="main-section" id="if...else statement">
      <header>if...else statement</header>
      >Use the if statement to execute a statement if a logical
condition is true. Use the optional else clause to execute a statement if
the condition is false. An if statement looks as follows:
      <code>if (condition) { statement 1; } else { statement 2; }</code>
      condition can be any expression that evaluates to true or
false. See Boolean for an explanation of what evaluates to true and
false. If condition evaluates to true, statement 1 is executed;
otherwise, statement 2 is executed. statement 1 and statement 2 can be
any statement, including further nested if statements.
      You may also compound the statements using else if to have
multiple conditions tested in sequence, as follows:
<code>if (condition 1) { statement 1; } else if (condition 2) {
statement 2; } else if (condition n) { statement n; } else {
statement last; }
</code>
      In the case of multiple conditions only the first logical
condition which evaluates to true will be executed. To execute multiple
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statements, group them within a block statement (\{\ldots\}). In general,
it's good practice to always use block statements, especially when
nesting if statements:
      <code>if (condition) { statement 1 runs if condition is true;
statement 2 runs if condition is true; } else {
statement 3 runs if condition is false;
statement 4 runs if condition is false; }</code>
      It is advisable to not use simple assignments in a conditional
expression, because the assignment can be confused with equality when
glancing over the code. For example, do not use the following code:
      < code > if (x = y) { /* statements here */ } </code >
      If you need to use an assignment in a conditional expression, a
common practice is to put additional parentheses around the assignment.
For example:
      \langle code \rangle if ((x = y)) \{ /* statements here */ \} \langle /code \rangle
    </section>
    <section class="main-section" id="While statement">
      <header>While statement
      A while statement executes its statements as long as a
specified condition evaluates to true. A while statement looks as
follows:
      <code>while (condition) statement</code>
      If the condition becomes false, statement within the loop stops
executing and control passes to the statement following the loop.
       The condition test occurs before statement in the loop is
executed. If the condition returns true, statement is executed and the
condition is tested again. If the condition returns false, execution
stops and control is passed to the statement following while.
       To execute multiple statements, use a block statement (\{\ldots\})
to group those statements.
      Example:
      The following while loop iterates as long as n is less than
three:
       < code > var n = 0; var x = 0; while (n < 3) { n++; x += n; } </code >
      With each iteration, the loop increments n and adds that value
to x. Therefore, x and n take on the following values:
      <l
        After the first pass: n = 1 and x = 1 
        After the second pass: n = 2 and x = 3
        After the third pass: n = 3 and x = 6 
      After completing the third pass, the condition n < 3 is no
longer true, so the loop terminates.
    </section>
    <section class="main-section" id="Function declarations">
      <header>Function declarations
      A function definition (also called a function declaration, or
function statement) consists of the function keyword, followed by:
<l
        The name of the function.
        A list of arguments to the function, enclosed in parentheses
and separated by commas.
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The JavaScript statements that define the function, enclosed
in curly brackets, { }.
       For example, the following code defines a simple function named
square:
       <code>function square(number) { return number * number; }</code>
       The function square takes one argument, called number. The
function consists of one statement that says to return the argument of
the function (that is, number) multiplied by itself. The return statement
specifies the value returned by the function.
       <code>return number * number;</code>
       Primitive parameters (such as a number) are passed to functions
by value; the value is passed to the function, but if the function
changes the value of the parameter, this change is not reflected globally
or in the calling function.
     </section>
     <section class="main-section" id="Reference">
       <header>Reference/header>
         All the documentation in this page is taken from MDN
       </111>
     </section>
     <nav id="navbar">
       <header>JS Documentation</header>
       <a class="nav-link" href="#introduction">Introduction</a>
       <a class="nav-link" href="#What you should already know">What you
should already know</a>
       <a class="nav-link" href="#JavaScript and Java">JavaScript and
Java</a>
       <a class="nav-link" href="#Hello world">Hello world</a>
       <a class="nav-link" href="#Variables">Variables</a>
       <a class="nav-link" href="#Declaring variables">Declaring
variables</a>
       <a class="nav-link" href="#Variable scope">Variable scope</a>
       <a class="nav-link" href="#Global variables">Global variables</a>
       <a class="nav-link" href="#Constants">Constants</a>
       <a class="nav-link" href="#Data types">Data types</a>
       <a class="nav-link" href="#if...else statement">if...else
statement</a>
       <a class="nav-link" href="#While statement">While statement</a>
       <a class="nav-link" href="#Function declarations">Function
declarations</a>
       <a class="nav-link" href="#Reference">Reference</a>
     </nav>
     </main>
</body>
</html>
** end of undefined **
** start of undefined **
@media (max-width: 700px) {
 body {
```

```
width: 300px;
}

** end of undefined **
```