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JavaScript for...in loop

The for...in loop is used to loop through an object's properties. As we have not discussed Objects yet, you may not feel comfortable with this loop. But once you understand how objects behave in JavaScript, you will find this loop very useful.

Syntax
The syntax of 'for..in' loop is −

```
for (variable name in object) {
   statement or block to execute
}
```

In each iteration, one property from object is assigned to variable name and this loop continues till all the properties of the object are exhausted.

Example
Try the following example to implement 'for-in' loop. It prints the web browser's Navigator object.

```html
<html>
   <body>
      <script type = "text/javascript">
         <!--
            var aProperty;
            document.write("Navigator Object Properties<br /> ");
            for (aProperty in navigator) {
               document.write(aProperty);
               document.write("<br />");
            }
            document.write ("Exiting from the loop!");
         //-->
      </script>
      <p>Set the variable to different object and then try...</p>
   </body>
</html>
```

Output

Navigator Object Properties
serviceWorker
webkitPersistentStorage

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webkitTemporaryStorage
geolocation
doNotTrack
onLine
languages
language
userAgent
product
platform
appVersion
appName
appCodeName
hardwareConcurrency
maxTouchPoints
vendorSub
vendor
productSub
cookieEnabled
mimeTypes
plugins
javaEnabled
getStorageUpdates
getGamepads
webkitGetUserMedia
vibrate
getBattery
sendBeacon
registerProtocolHandler
unregisterProtocolHandler
Exiting from the loop!
Set the variable to different object and then try...