

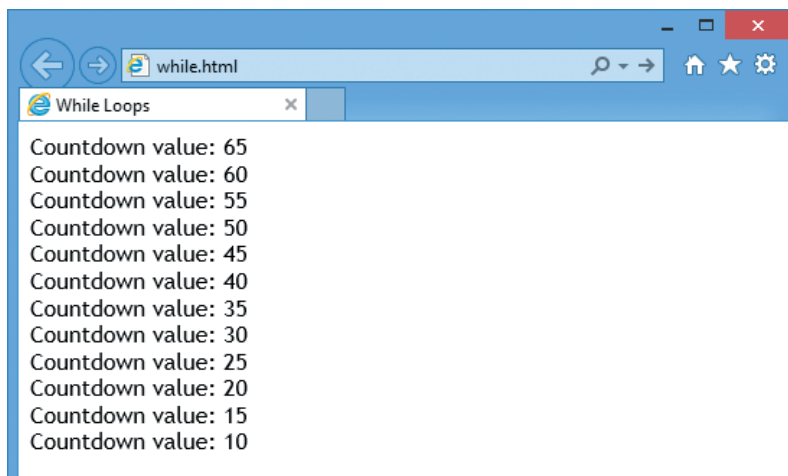
## ...cont'd

1 Create an HTML document that embeds an external script file and contains an element in which to write  
`<script type = "text/javascript" src = "while.js" ></script>`  
`<div id = "panel" > </div>`

2 Create the JavaScript file with an "init" function to initialize a variable with the panel element object, and to initialize a variable with an integer value to be modified and tested by a loop  
`function init()`  
`{`  
`var panel = document.getElementById( "panel" ) ;`  
`var num = 70 ;`  
`}`  
`document.addEventListener( "DOMContentLoaded", init, false ) ;`

3 Next, in the function block, add a while loop structure to write a line containing the current integer value into the panel, and to decrement its value by five on each iteration  
`while ( num > 10 )`  
`{`  
`num -= 5 ; panel.innerHTML +=`  
`"Countdown value: " + num + "<br>" ;`  
`}`

4 Save the script alongside the HTML document then open the page in a browser to see the lines written by the loop



while.html



while.js

Hot tip



Each while loop must have braces as they contain at least two statements – one statement to execute and a modifier.