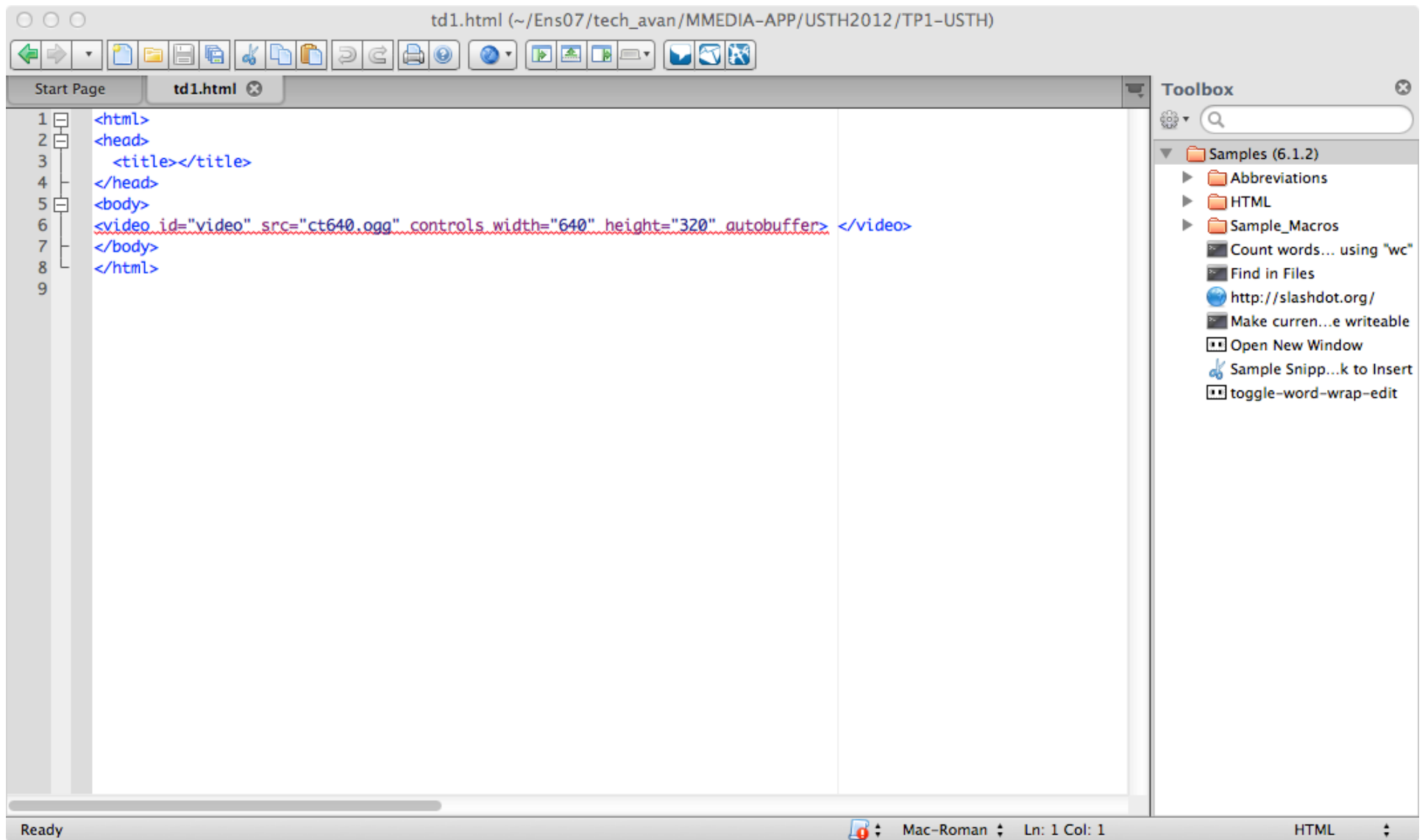


And now do it yourself

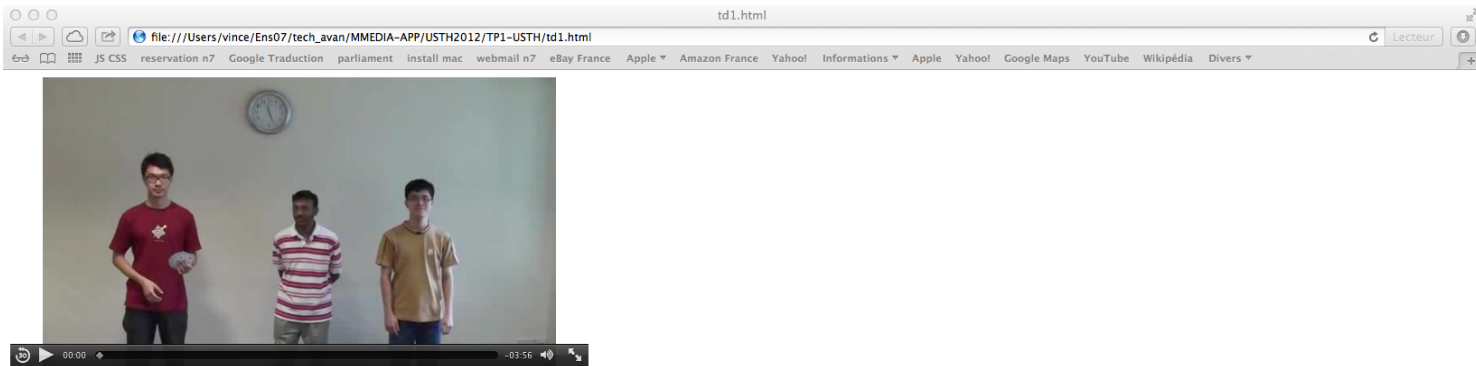


The screenshot shows a web browser window titled "td1.html (~/Ens07/tech_avan/MMEDIA-APP/USTH2012/TP1-USTH)". The browser's address bar and toolbar are visible at the top. The main content area displays an HTML editor with the following code:

```
1 <html>
2 <head>
3   <title></title>
4 </head>
5 <body>
6 <video id="video" src="ct640.ogg" controls width="640" height="320" autobuffer> </video>
7 </body>
8 </html>
9
```

The code is color-coded: blue for tags, black for text, and red for attributes. A red dashed line is drawn under the video tag on line 6. The editor has a vertical line number margin on the left. On the right side, there is a "Toolbox" panel with a search bar and a list of tools and samples, including "Samples (6.1.2)", "Abbreviations", "HTML", "Sample_Macros", "Count words... using 'wc'", "Find in Files", "http://slashdot.org/", "Make curren...e writeable", "Open New Window", "Sample Snipp...k to Insert", and "toggle-word-wrap-edit". The status bar at the bottom shows "Ready", "Mac-Roman", "Ln: 1 Col: 1", and "HTML".

And now do it yourself



And now do it yourself

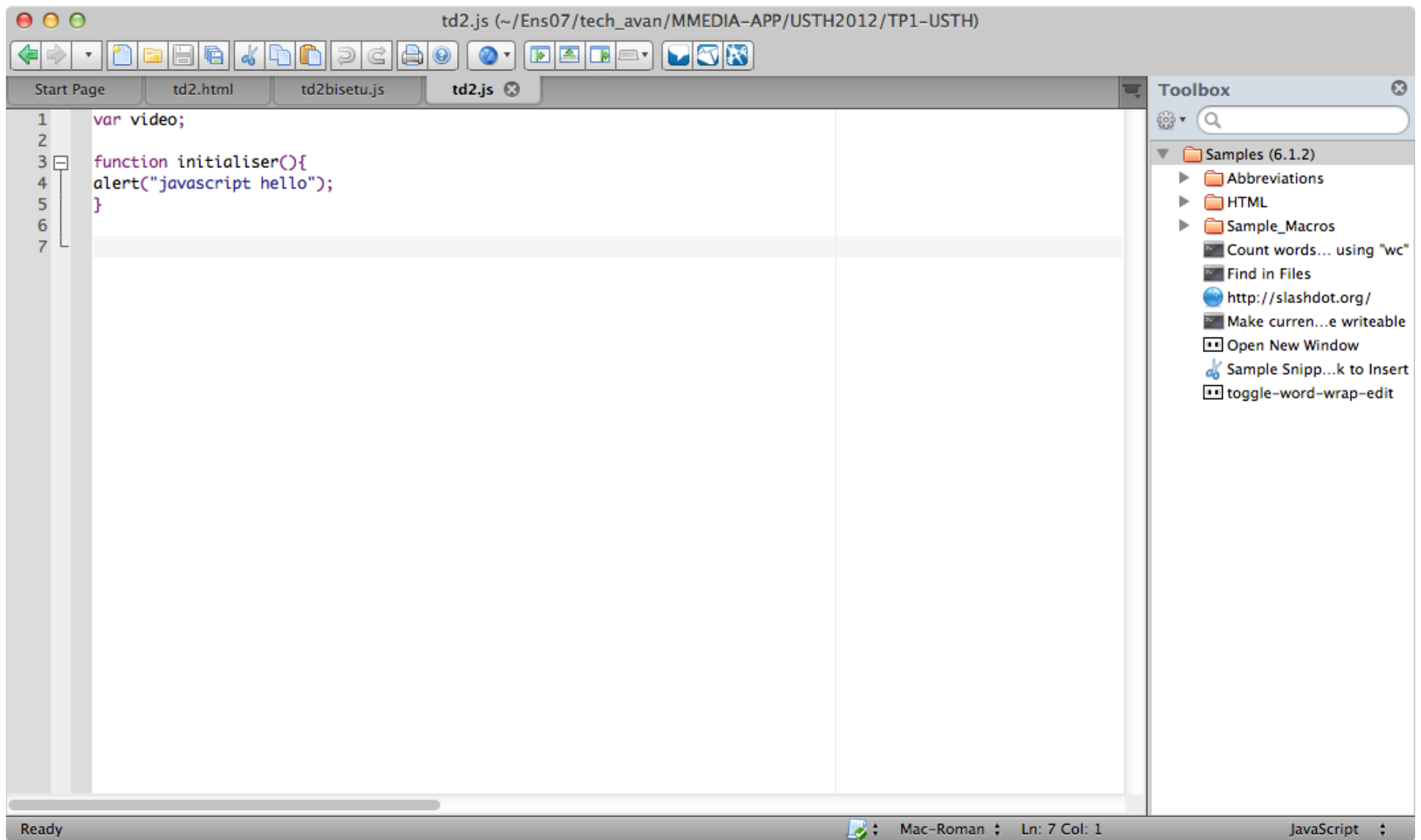
The screenshot shows a web browser window titled "td2.html (~/Ens07/tech_avan/MMEDIA-APP/USTH2012/TP1-USTH)". The browser's address bar and toolbar are visible at the top. The main content area displays the HTML source code for the page, with line numbers 1 through 10 on the left. The code is as follows:

```
1 <html>
2 <head>
3   <title></title>
4   <script type="text/javascript;version 1.8" src="td2.js"> </script>
5 </head>
6 <body onload=initialiser()>
7 <video id="video" src="ct640.ogg" controls width="640" height="320" autobuffer> </video>
8 </body>
9 </html>
10
```

The video tag on line 7 is highlighted with a red dashed line. To the right of the code editor is a "Toolbox" panel with a search bar and a list of tools and samples, including "Samples (6.1.2)", "Abbreviations", "HTML", "Sample_Macros", "Count words... using 'wc'", "Find in Files", "http://slashdot.org/", "Make curren...e writeable", "Open New Window", "Sample Snipp...k to Insert", and "toggle-word-wrap-edit".

At the bottom of the browser window, the status bar shows "Ready", "Mac-Roman", "Ln: 10 Col: 1", and "HTML".

And now do it yourself



And now do it yourself

The screenshot shows a web browser window with the title "td2.html (~/Ens07/tech_avan/MMEDIA-APP/USTH2012/TP1-USTH)". The browser's address bar is empty. The main content area displays the HTML source code for "td2.html". The code is as follows:

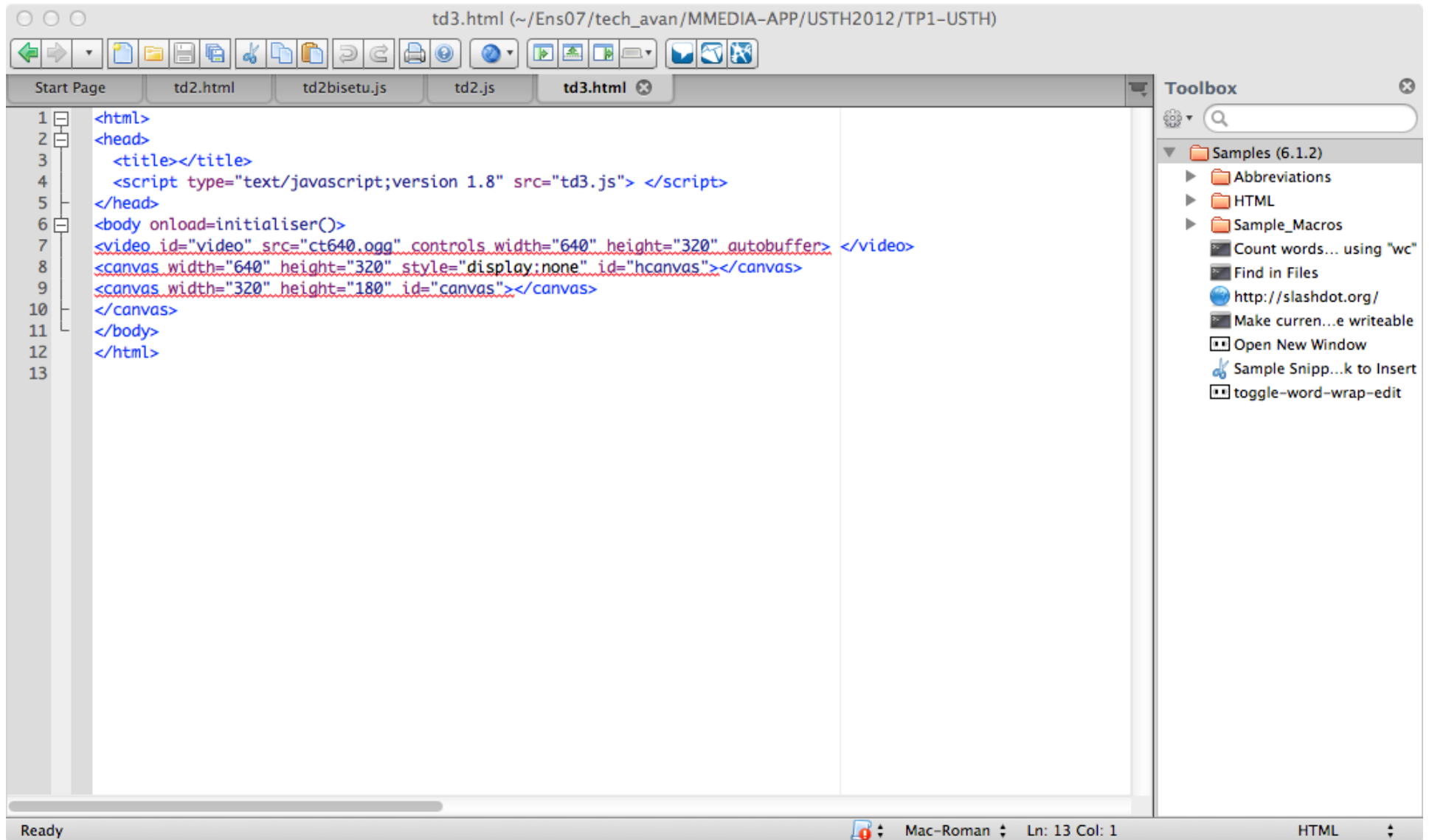
```
1 <html>
2 <head>
3   <title></title>
4   <script type="text/javascript;version 1.8" src="td2.js"> </script>
5 </head>
6 <body onload=initialiser()>
7 <video id="video" src="ct640.ogg" controls width="640" height="320" autobuffer> </video>
8 </body>
9 </html>
10
```

The code is displayed in a light blue font on a white background. The line numbers 1 through 10 are listed on the left side of the editor. The video tag on line 7 is highlighted with a red dashed border. The status bar at the bottom of the browser window shows "Ready", "Mac-Roman", "Ln: 10 Col: 1", and "HTML".

On the right side of the browser window, there is a "Toolbox" panel. It contains a search bar and a list of items under the heading "Samples (6.1.2)":

- Abbreviations
- HTML
- Sample_Macros
- Count words... using "wc"
- Find in Files
- <http://slashdot.org/>
- Make curren...e writeable
- Open New Window
- Sample Snipp...k to Insert
- toggle-word-wrap-edit

And now do it yourself



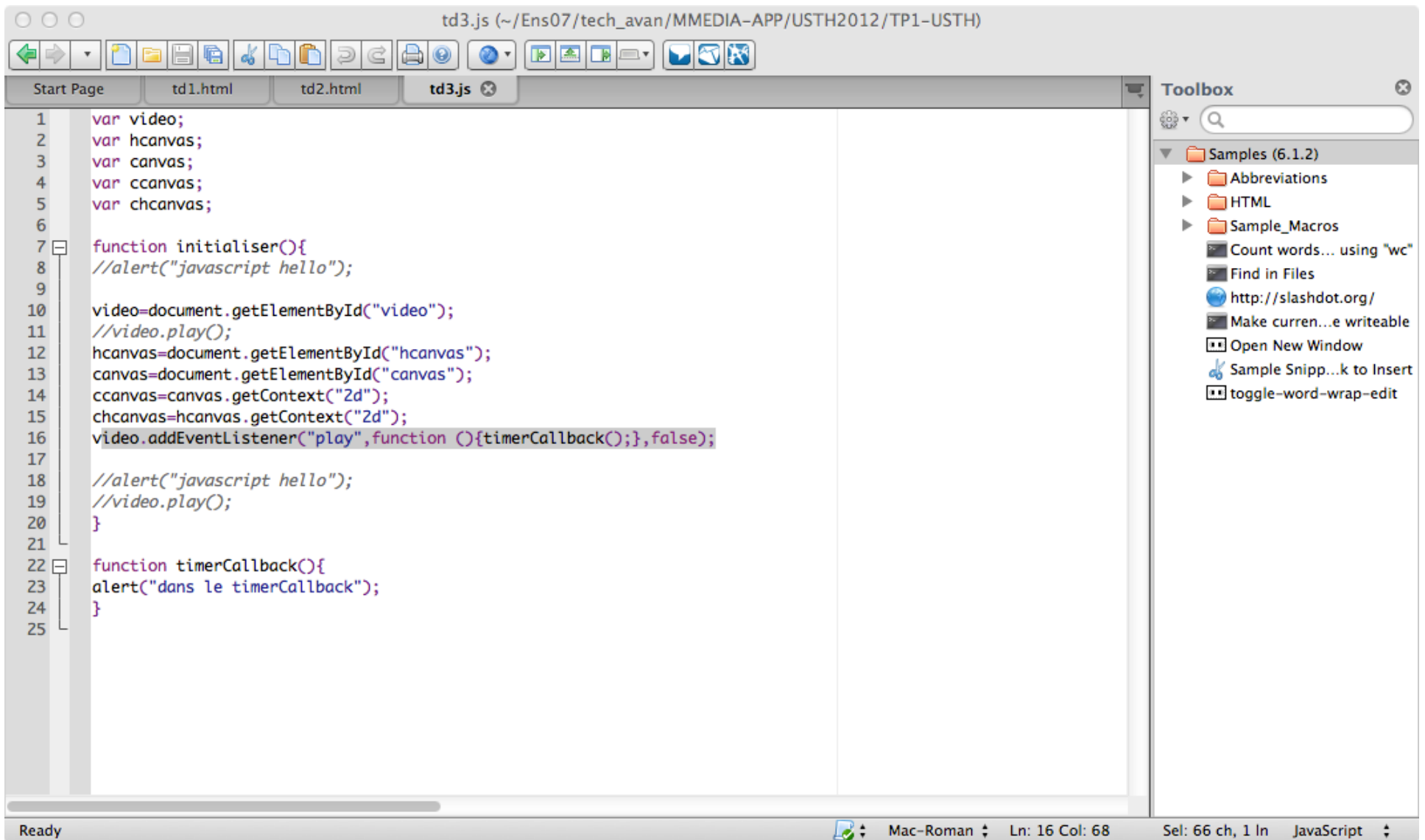
```
1 <html>
2 <head>
3   <title></title>
4   <script type="text/javascript;version 1.8" src="td3.js"> </script>
5 </head>
6 <body onload=initialiser()>
7 <video id="video" src="ct640.ogg" controls width="640" height="320" autobuffer> </video>
8 <canvas width="640" height="320" style="display:none" id="hcanvas"></canvas>
9 <canvas width="320" height="180" id="canvas"></canvas>
10 </canvas>
11 </body>
12 </html>
13
```

Ready | Mac-Roman | Ln: 13 Col: 1 | HTML

Toolbox

- Samples (6.1.2)
 - Abbreviations
 - HTML
 - Sample_Macros
 - Count words... using "wc"
 - Find in Files
 - <http://slashdot.org/>
 - Make curren...e writeable
 - Open New Window
 - Sample Snipp...k to Insert
 - toggle-word-wrap-edit

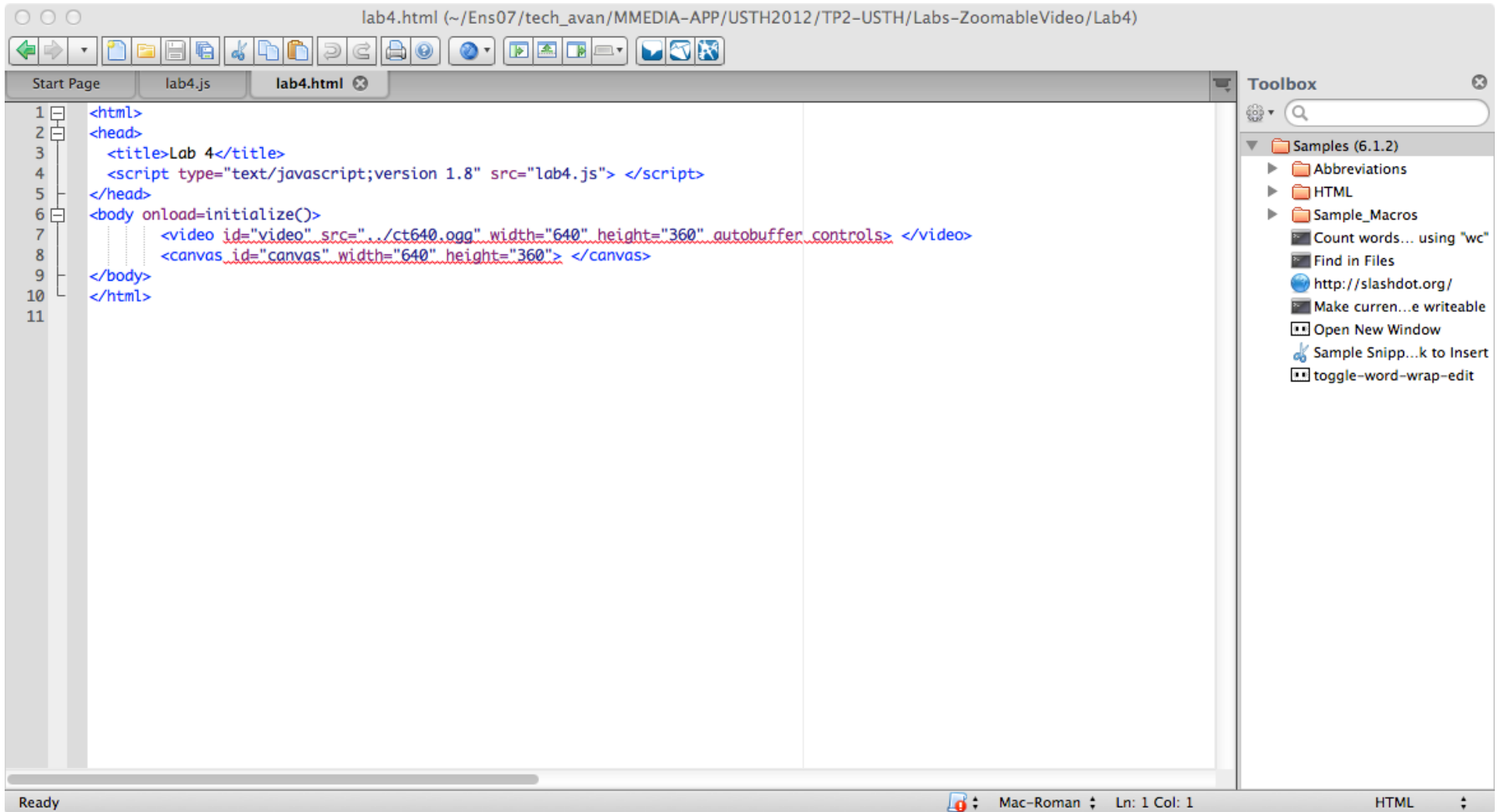
And now do it yourself



```
1  var video;
2  var hcanvas;
3  var canvas;
4  var ccanvas;
5  var chcanvas;
6
7  function initialiser(){
8    //alert("javascript hello");
9
10   video=document.getElementById("video");
11   //video.play();
12   hcanvas=document.getElementById("hcanvas");
13   canvas=document.getElementById("canvas");
14   ccanvas=canvas.getContext("2d");
15   chcanvas=hcanvas.getContext("2d");
16   video.addEventListener("play",function (){timerCallback();},false);
17
18   //alert("javascript hello");
19   //video.play();
20 }
21
22 function timerCallback(){
23   alert("dans le timerCallback");
24 }
25
```

Ready Mac-Roman | Ln: 16 Col: 68 | Sel: 66 ch, 1 ln | JavaScript

And now do it yourself

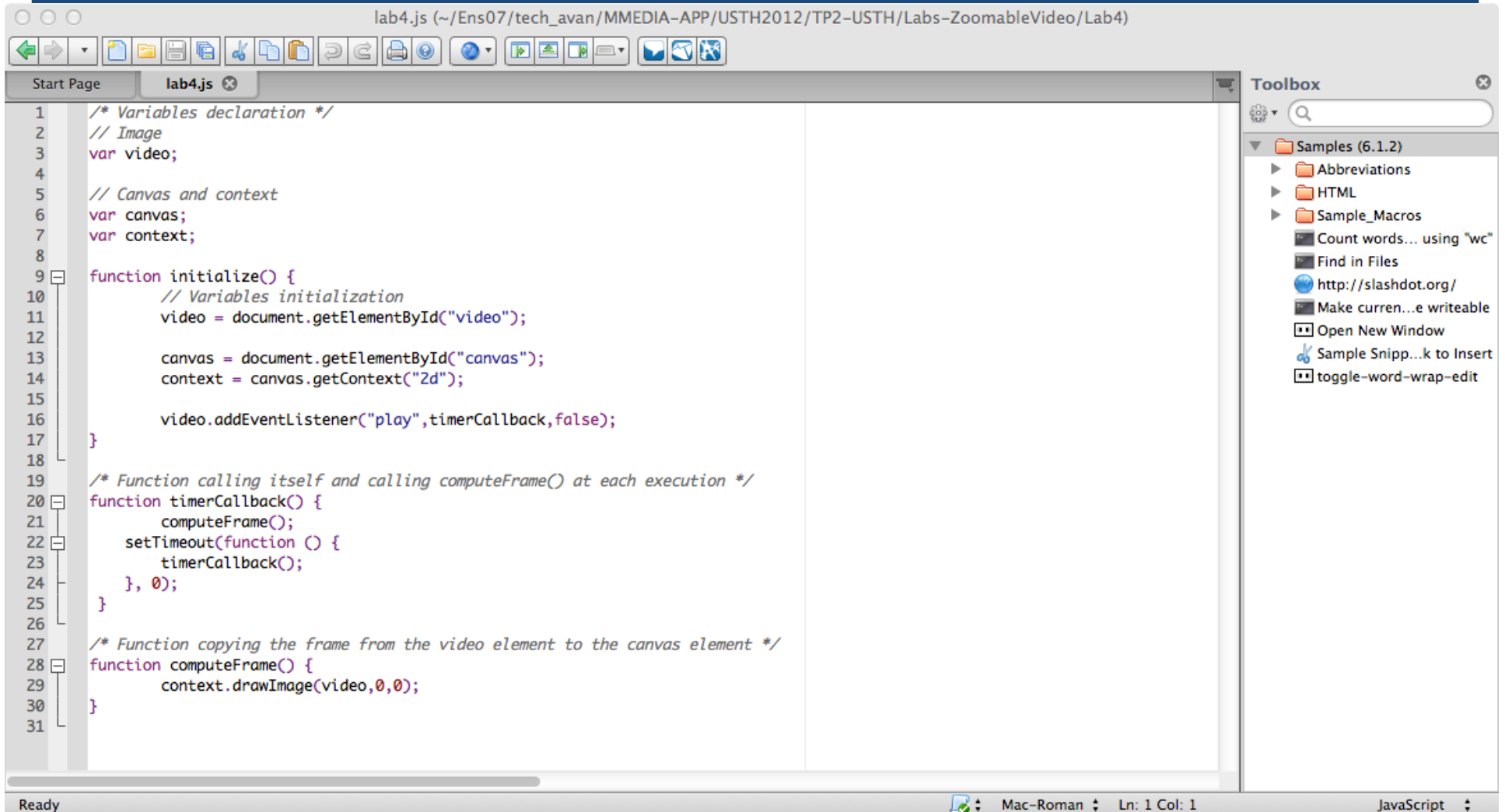


The screenshot shows a web browser window with the title "lab4.html (~/.Enso7/tech_avan/MMEDIA-APP/USTH2012/TP2-USTH/Labs-ZoomableVideo/Lab4)". The browser's address bar and toolbar are visible. The main content area displays the source code of the HTML file, which is as follows:

```
1 <html>
2 <head>
3   <title>Lab 4</title>
4   <script type="text/javascript;version 1.8" src="lab4.js"> </script>
5 </head>
6 <body onload=initialize()>
7   <video id="video" src="../../ct640.ogg" width="640" height="360" autobuffer controls> </video>
8   <canvas id="canvas" width="640" height="360"> </canvas>
9 </body>
10 </html>
11
```

The browser's status bar at the bottom indicates "Ready", "Mac-Roman", "Ln: 1 Col: 1", and "HTML". A "Toolbox" panel is visible on the right side of the browser window, containing various utility tools and sample snippets.

And now do it yourself



The screenshot shows a web browser window with the address bar displaying the file path: `lab4.js (~/.Enso7/tech_avan/MMEDIA-APP/USTH2012/TP2-USTH/Labs-ZoomableVideo/Lab4)`. The browser's address bar shows "Start Page" and "lab4.js". The main content area displays the following JavaScript code:

```
1  /* Variables declaration */
2  // Image
3  var video;
4
5  // Canvas and context
6  var canvas;
7  var context;
8
9  function initialize() {
10     // Variables initialization
11     video = document.getElementById("video");
12
13     canvas = document.getElementById("canvas");
14     context = canvas.getContext("2d");
15
16     video.addEventListener("play", timerCallback, false);
17 }
18
19 /* Function calling itself and calling computeFrame() at each execution */
20 function timerCallback() {
21     computeFrame();
22     setTimeout(function () {
23         timerCallback();
24     }, 0);
25 }
26
27 /* Function copying the frame from the video element to the canvas element */
28 function computeFrame() {
29     context.drawImage(video, 0, 0);
30 }
31
```

On the right side of the browser window, there is a "Toolbox" panel with a search bar and a list of items:

- Samples (6.1.2)
 - Abbreviations
 - HTML
 - Sample_Macros
 - Count words... using "wc"
 - Find in Files
 - <http://slashdot.org/>
 - Make curren...e writeable
 - Open New Window
 - Sample Snipp...k to Insert
 - toggle-word-wrap-edit

The status bar at the bottom of the browser window shows "Ready", "Mac-Roman", "Ln: 1 Col: 1", and "JavaScript".

And now do it yourself

