# jQuery Simple Menu Exercise

## 1. Reference

jQuery Simple Drop-Down Menu Plugin:

* <http://javascript-array.com/scripts/jquery_simple_drop_down_menu/>

## 2. Instructions

You can find all the required files and the solutions for this exercise from the following location:

H:\BUSINESS\DISC\6420 IWD\exercises\jQuery Simple Menu Exercise

* Create a new HTML file JQuerySimpleMenu.html file.
* Include jQuery Library jquery.js inside JQuerySimpleMenu.html.
* Crate HTML code for the menu. Add the following code into the <body> section of JQuerySimpleMenu.html, which defines the link structure of the menu:

**<ul id="jqsm">**

 **<li><a href="#">JavaScript</a>**

 **<ul>**

 **<li><a href="#">jQuery Package</a></li>**

 **<li><a href="#">jQuery Easy UI</a></li>**

 **<li><a href="#">Ajax Technology</a></li>**

 **<li><a href="#">Other Packages</a></li>**

 **</ul>**

 **</li>**

 **<li><a href="#">Effect</a>**

 **<ul>**

 **<li><a href="#">Slide Effect</a></li>**

 **<li><a href="#">Fade Effect</a></li>**

 **<li><a href="#">Blink Effect</a></li>**

 **<li><a href="#">Drop Shadow</a></li>**

 **<li><a href="#">Shrink Effect</a></li>**

 **</ul>**

 **</li>**

 **<li><a href="#">HTML/CSS</a></li>**

 **<li><a href="#">Examples</a>**

 **<ul>**

 **<li><a href="#">Menu Examples</a></li>**

 **<li><a href="http://hyperdisc.unitec.ac.nz">jQuery Examples</a></li>**

 **<li><a href="#">Ajax Examples</a></li>**

 **</ul>**

 **</li>**

**</ul>**

* Add the following CSS code to JQuerySimpleMenu.html properly, which defines the style of the menu:

#jqsm

 { margin: 0;

 padding: 0}

 #jqsm li

 { float: left;

 list-style: none;

 font: 16px "Arial Black", Gadget, sans-serif}

 #jqsm li a

 { display: block;

 background: #600;

 padding: 5px 12px;

 text-decoration: none;

 border-right: 1px solid white;

 width: 120px;

 color: #FF0;

 white-space: nowrap}

 #jqsm li a:hover

 { background: #CCC}

 #jqsm li ul

 { margin: 0;

 padding: 0;

 position: absolute;

 visibility: hidden;

 border-top: 1px solid white}

 #jqsm li ul li

 { float: none;

 display: inline}

 #jqsm li ul li a

 { width: auto;

 background: #9F1B1B}

 #jqsm li ul li a:hover

 { background: #00F}

* Add a JavaScript block before the <./head> tag of JQuerySimpleMenu.html and add the following JavaScript code into the block properly, which defines the functions of the menu:

 **var timeout = 500;**

**var closetimer = 0;**

**var ddmenuitem = 0;**

**function jqsm\_open()**

**{ jqsm\_canceltimer();**

 **jqsm\_close();**

 **ddmenuitem = $(this).find('ul').css('visibility', 'visible');}**

**function jqsm\_close()**

**{ if(ddmenuitem) ddmenuitem.css('visibility', 'hidden');}**

**function jqsm\_timer()**

**{ closetimer = window.setTimeout(jqsm\_close, timeout);}**

**function jqsm\_canceltimer()**

**{ if(closetimer)**

 **{ window.clearTimeout(closetimer);**

 **closetimer = null;}}**

**$(document).ready(function()**

**{ $('#jqsm > li').bind('mouseover', jqsm\_open)**

 **$('#jqsm > li').bind('mouseout', jqsm\_timer)});**

**document.onclick = jqsm\_close;**

* Test the menu
* Try to modify the menu. For example, change the menu item background and text color, change the menu item size, change the menu item number and etc.