1. **Write Javascript code, that creates an HTML Element object, representing a list item. For its content set current date. Also add class item to the element. Append it into DOM tree, to the unordered list with id 'categories'. You are allowd to use jQuery library, but it is not required.**

*<ul id="categories">*

*<li>Tea</li>*

*<li>Milk</li>*

*<li>Water</li>*

*</ul>*

<script>

function myFunction() {

var x = document.createElement("LI");

var content= {}

content.datetime = new Date().toUTCString()

x.appendChild(t);

document.getElementById("categories").appendChild(x);

</script>

1. **Write a Javascript code, that uses jQuery library. Add 'click' event handler to the button with id 'button1', that adds a class 'colored' to the elements with class 'selected'.**

<span class="selected">

<script>

var div = $('<div />', {'data-role' : 'fieldcontain'}),

btn = $('<input />', {

type : 'button',

value : 'Dynamic Button',

id : 'btn\_a',

on : {

click: function() {

alert ( this.value );

}

}

});

div.append(btn).appendTo( $('#pg\_menu\_content').empty() );

$('.selected').each(function(i, item) {

var $item = $(item);

if( $item.hasClass('selected') || $item.parents('.selected') )

{

$item.addClass('colored');

}

});

</script>

1. **Write an HTML code, that uses Bootstrap library and represents a list (list-group). A list should contain 3 items. The third item should be active.**
2. **Write a Javascript code, that shows a browsers pop-up window to a user for input of a string. Save the input to the variable called x. Check if inputed string contains a capital letter. If not, display a browsers pop-up window with a warning.**
3. **Write a javascript code, that adds link to the FERI website (http://feri.um.si) to the HTML element below.**

***<td id='141'></td>***

1. **Write a Javasctript code, that writes a code to the HTML document. The code should display unordered list with 15 elements. As the content of the list, print 'Element X', while putting the number of item instead of 'X'.**