

MediaWiki:Lékařská kalkulačka/Ethanol.js

Note: After publishing, you may have to bypass your browser's cache to see the changes.

- **Firefox / Safari:** Hold *Shift* while clicking *Reload*, or press either *Ctrl-F5* or *Ctrl-R* (*⌘-R* on a Mac)
- **Google Chrome:** Press *Ctrl-Shift-R* (*⌘-Shift-R* on a Mac)
- **Internet Explorer / Edge:** Hold *Ctrl* while clicking *Refresh*, or press *Ctrl-F5*
- **Opera:** Press *Ctrl-F5*.

```
1  /**
2  * ReplaceAll by Fagner Brack (MIT Licensed)
3  * Replaces all occurrences of a substring in a string
4  */
5  String.prototype.replaceAll = function(token, newToken, ignoreCase) {
6      var str, i = -1, _token;
7      if((str = this.toString()) && typeof token === "string") {
8          _token = ignoreCase === true? token.toLowerCase() : undefined;
9          while((i =
10              _token !== undefined?
11                  str.toLowerCase().indexOf(
12                      token,
13                      i >= 0? i + newToken.length : 0
14                  ) : str.indexOf(
15                      token,
16                      i >= 0? i + newToken.length : 0
17                  )
18              ) !== -1 ) {
19              str = str.substring(0, i)
20                  .concat(newToken)
21                  .concat(str.substring(i + token.length));
22          }
23      }
24      return str;
25  };
26
27  /***** Převod do html podoby *****/
28  var content = $('#lekarska_kalkulacka_Ethanol-content' ).text();
29  $('#lekarska_kalkulacka_Ethanol' ).html( content.replaceAll('paragraph', 'p' ).replaceAll( 'resValue', 'span'
30  ).replaceAll('breakline', 'br' ).replaceAll('division', 'div').replaceAll('orderedlist', 'ol') );
31
32  /***** Propojeni input field: range a number *****/
33  $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-number' ).change( function() {
34      $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-range' ).val( $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-
35  number' ).val() );
36  });
37  $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-range' ).change( function() {
38      $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-number' ).val( $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-
39  range' ).val() );
40  });
41
42  $('#lekarska_kalkulacka_Ethanol-beta-number' ).change( function() {
43      $('#lekarska_kalkulacka_Ethanol-beta-range' ).val( $('#lekarska_kalkulacka_Ethanol-beta-number' ).val() );
44  });
45
46  $('#lekarska_kalkulacka_Ethanol-beta-range' ).change( function() {
47      $('#lekarska_kalkulacka_Ethanol-beta-number' ).val( $('#lekarska_kalkulacka_Ethanol-beta-range' ).val() );
48  });
49
50  $('#lekarska_kalkulacka_Ethanol-doba-number' ).change( function() {
51      $('#lekarska_kalkulacka_Ethanol-doba-range' ).val( $('#lekarska_kalkulacka_Ethanol-doba-number' ).val() );
52  });
53
54  $('#lekarska_kalkulacka_Ethanol-doba-range' ).change( function() {
55      $('#lekarska_kalkulacka_Ethanol-doba-number' ).val( $('#lekarska_kalkulacka_Ethanol-doba-range' ).val() );
56  });
57
58  /***** Vlastní výpočet *****/
59  $('#input' ).change( function() {
60      var alkoholemie = parseFloat( $('#lekarska_kalkulacka_Ethanol-alkoholemie-vstupni-number' ).val() );
61      var beta = parseFloat( $('#lekarska_kalkulacka_Ethanol-beta-number' ).val() );
62      var doba = parseFloat( $('#lekarska_kalkulacka_Ethanol-doba-number' ).val() );
63      var result = alkoholemie - beta * doba;
64      if (result < 0) {
65          result = 0;
66      }
67      $('#lekarska_kalkulacka_Ethanol-vysledek' ).html( result );
68  });
```