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Limburg

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Rekenmachine in HTML

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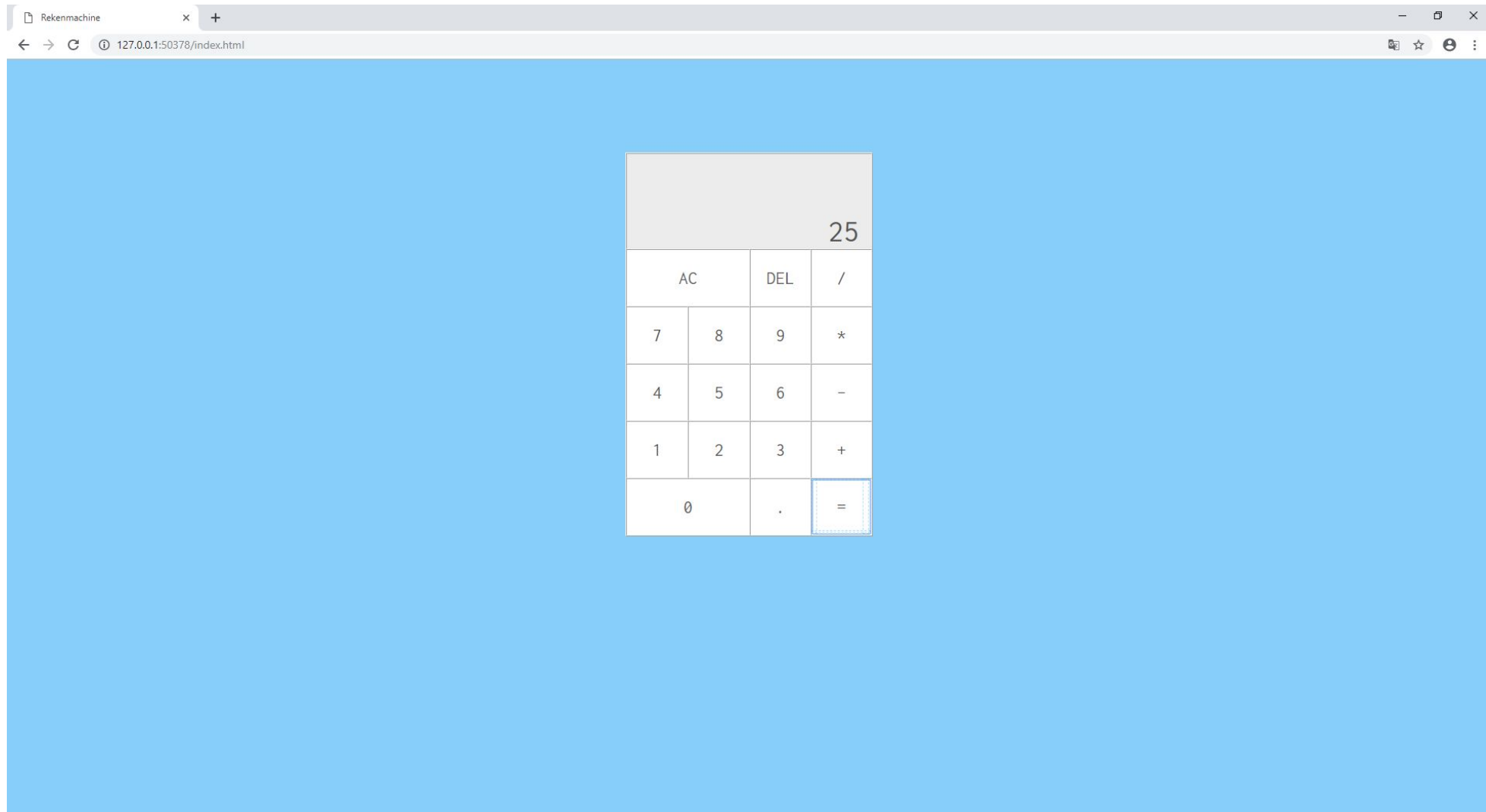
Brackets

- Lichte, moderne text editor
- Live preview
- <http://brackets.io/>





Rekenmachine in HTML





HTML begin



```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>My first heading.</h1>
  </body>
</html>
```



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HTML in de realiteit

```
<!DOCTYPE html>
<html lang="nl" class="no-js mdrn">
<head>
<title>Hoe kunnen we je helpen? - KBC Bank & Verzekering</title>
<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1">
<meta http-equiv="content-type" content="text/html; charset=UTF-8"/>
<meta name="title" content="Hoe kunnen we je helpen? - KBC Bank & Verzekering"/>
<meta name="description" content="Op onze website kun je je aanmelden in KBC Touch en vind je alle info">
<meta http-equiv="last-modified" content="Mon, 15 Apr 2019 09:43:54 GMT"/>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta name="HandheldFriendly" content="true">
<meta name="MobileOptimized" content="320">
<link rel="canonical" href="https://www.kbc.be/particulieren/nl.html"/>
<link rel="alternate" hreflang="de-be" href="https://www.kbc.be/privatkunden/de.html"/>
<link rel="alternate" hreflang="fr-be" href="https://www.kbc.be/particuliers/fr.html"/>
<link rel="alternate" hreflang="en-be" href="https://www.kbc.be/retail/en.html"/>
<link rel="alternate" hreflang="nl-be" href="https://www.kbc.be/particulieren/nl.html"/>
<meta name="robots" content="NOODP,NOYDIR,index,follow"/>
<meta name="browsermap.enabled" content="false"/>
<meta data-cookie-policy-max-age="700"/>
<meta name="format-detection" content="telephone=no">
<meta name="twitter:card" content="summary"/>
<meta name="twitter:site" content="@KBC_BE"/>
<meta name="twitter:title" content="Hoe kunnen we je helpen? - KBC Bank & Verzekering"/>
<meta name="twitter:description" content="Op onze website kun je je aanmelden in KBC Touch en vind je alle info">
<meta name="twitter:image" content="https://www.kbc.be/content/dam/particulieren/homepage/Autowassen_hp">
<meta name="twitter:url" content="https://www.kbc.be/particulieren/nl.html"/>
<meta property="og:title" content="Hoe kunnen we je helpen? - KBC Bank & Verzekering"/>
<meta property="og:site_name" content="KBC"/>
<meta property="og:url" content="https://www.kbc.be/particulieren/nl.html"/>
<meta property="og:description" content="Op onze website kun je je aanmelden in KBC Touch en vind je alle info">
<meta property="og:image" content="https://www.kbc.be/content/dam/particulieren/homepage/Autowassen_hp">
<script>
{
  "@context": "https://schema.org",
  "@type": "WebSite",
  "url": "https://www.kbc.be/particulieren/nl.html",
  "potentialAction": {
    "@type": "SearchAction",
    "target": "https://www.kbc.be/particulieren/nl/zoek.html?q={search_term_string}",
    "query-input": "required name=search_term_string"
  }
}
</script>
<link rel="icon" type="image/x-icon" href="/etc/designs/particulieren/clientlibs/main/images/particulieren/favicon.ico">
<link rel="shortcut icon" type="image/x-icon" href="/etc/designs/particulieren/clientlibs/main/images/particulieren/favicon.ico">
<link rel="apple-touch-icon" sizes="114x114" href="/etc/designs/particulieren/clientlibs/main/images/particulieren/apple-touch-icon.png">
```



Betalen Sparen Beleggen Lenen Verzekeren Particulier leasen

KBC Live

Aanmelden

Goeiemorgen

Heb je een vraag? KBC Live geeft je snel een antwoord!



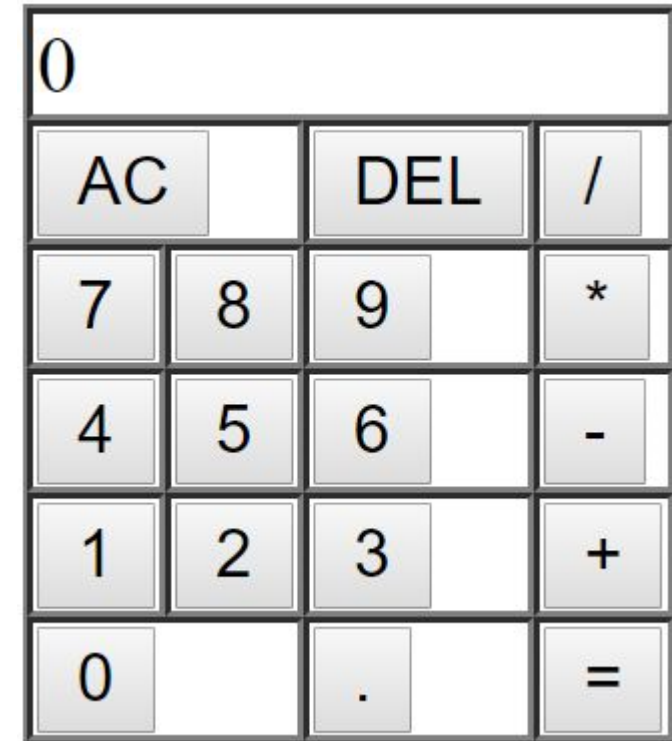
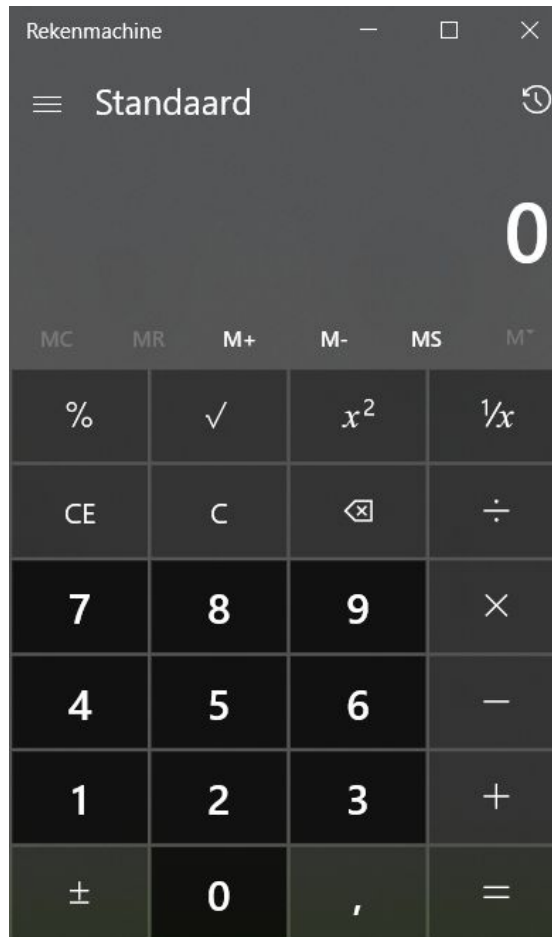
078 152 153

Stuur een bericht

4 redenen om klant te zijn bij KBC



Basis rekenmachine





HTML

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CSS

HTML + CSS





Webelementen



```
#sue .shirt {  
  background-color: #33E5C3; ■  
}
```



```
* {  
  font-family: Playfair Display;  
}
```





```
.people {  
  display: flex;  
}
```



```
.people {  
  display: flex;  
  flex-direction: column;  
}
```





CSS Plaatsgeving

```
.people {  
  display: flex;  
  flex-direction: column;  
}
```





CSS beweging

```
.person {  
  opacity: 0;  
  transition: 1s opacity;  
}
```



CSS beweging

```
#sue: hover {  
  transform: scale(2,2);  
}
```



```
#sue: hover {  
  transform: scale(2,2);  
}
```





CSS toepassen in ons rekenmachine

0			
AC		DEL	/
7	8	9	*
4	5	6	-
1	2	3	+
0		.	=

25			
AC		DEL	/
7	8	9	*
4	5	6	-
1	2	3	+
0	.	=	



- ★ Object georiënteerde taal
- ★ Voor interactive web browsers
= programmeertaal voor web
- ★ Kan data calculeren, manipuleren en valideren.



JavaScript Voorbeeld

```
1  <!DOCTYPE html>
2  ▼ <html>
3  ▼ <body>
4
5  <h2>My First JavaScript</h2>
6
7  <button type="button"
8  onclick="document.getElementById('demo').innerHTML = Date()">
9  Click me to display Date and Time.</button>
10
11 <p id="demo"></p>
12
13 </body>
14 </html>
```



My First JavaScript

Click me to display Date and Time.

My First JavaScript

Click me to display Date and Time.

Fri Apr 19 2019 20:40:56 GMT+0200 (Central European Summer Time)



Wat is dit?

- ★ Wanneer een webpagina laadt, wordt er een DOM gemaakt door de browser
- ★ DOM = Document object model
- ★ Met object model, kan JS data manipulatie doen
= object => HTML elementen



Rekenmachine en Js

```
<!DOCTYPE HTML>
<html lang="en">

<head>
  <meta charset="utf-8">
  <title>A Simple Calculator</title>
  <link href="https://fonts.googleapis.com/css?family=Inconsolata"
  <link href="stylesheet.css" rel="stylesheet" type="text/css">
  <script type="text/javascript" src="code.js"></script>
</head>

<body>
  <div class="container">
    <table border="1" cellspacing="0">
      <tr>
        <td colspan="4" id="inputLabel">0</td>
      </tr>
      <tr>
        <td colspan="2">
          <button onclick="pushBtn(this);">AC</button>
        </td>
        <td>
          <button onclick="pushBtn(this);">Del</button>
        </td>
      </tr>
    </table>
  </div>
</body>
```

```
var inputLabel = document.getElementById('inputLabel');

function pushBtn(obj) {
  var pushed = obj.innerHTML;

  if (pushed == '=') {
    // Calculate
    //eval evaluates the expression
    inputLabel.innerHTML = eval(inputLabel.innerHTML);
  } else if (pushed == 'AC') {
    // All Clear
    inputLabel.innerHTML = '0';
  } else if (pushed == 'Del') {
    //Delete
    if (inputLabel.innerHTML.length == 1) {
      inputLabel.innerHTML = '0';
    } else {
      inputLabel.innerHTML = inputLabel.innerHTML.slice(0, -1);
    }
  } else {
    if (inputLabel.innerHTML == '0') {
      inputLabel.innerHTML = pushed;
    } else {
      inputLabel.innerHTML += pushed;
    }
  }
}
```



- ★ Objecten gemaakt door browsers worden gebruikt door JS



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Project afmaken

★ Samen Code Schrijven...