

Rekenmachine in HTML

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Brackets

• Lichte, moderne text editor

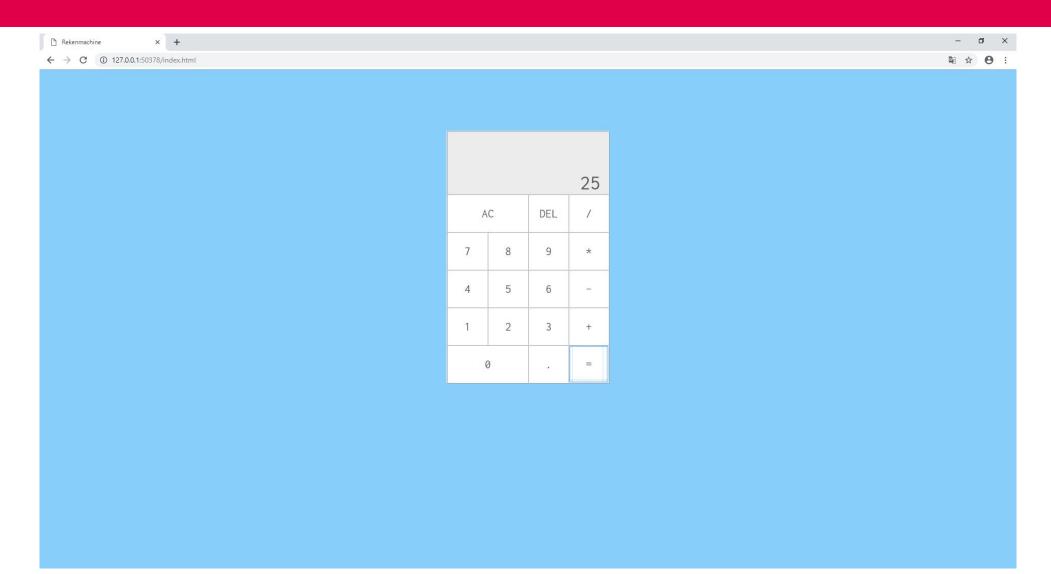
Live preview

http://brackets.io/





Rekenmachine in HTML





HTML begin





HTML in de realiteit

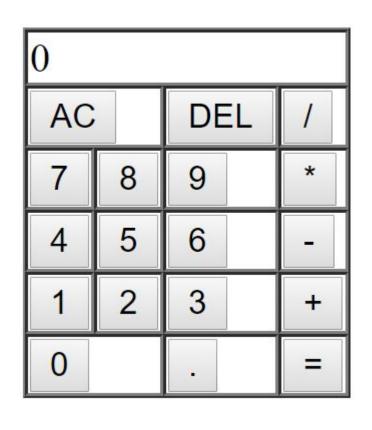
```
<!DOCTYPE html>
<html lang="n1" class="no-js mdrn">
<title>Hoe kunnen we je helpen? - KBC Bank & Verzekering</title>
<meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1">
<meta http-equiv="content-type" content="text/html; charset=UTF-8"/>
<meta name="title" content="Hoe kunnen we je helpen? - 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 &amp; Verzekering"/>
<meta name="twitter:description" content="Op onze website kun je je aanmelden in KBC Touch en vind je ;</pre>
<meta name="twitter:image" content="https://www.kbc.be/content/dam/particulieren/homepage/Autowassen hj</pre>
<meta name="twitter:url" content="https://www.kbc.be/particulieren/nl.html"/>
<meta property="og:title" content="Hoe kunnen we je helpen? - KBC Bank &amp; 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 a.</pre>
<meta property="og:image" content="https://www.kbc.be/content/dam/particulieren/homepage/Autowassen hp</pre>
    "@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/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/images/particulieren/clientlibs/main/clientlibs/main/clientlibs/main/clientlibs/main/clientlibs/main/clientlibs/main/clientlibs/main/clientlib
<link rel="shortcut icon" type="image/x-icon" href="/etc/designs/particulieren/clientlibs/main/images/</pre>
<link rel="apple-touch-icon" sizes="114x114" href="/etc/designs/particulieren/clientlibs/main/images/p;</pre>
```





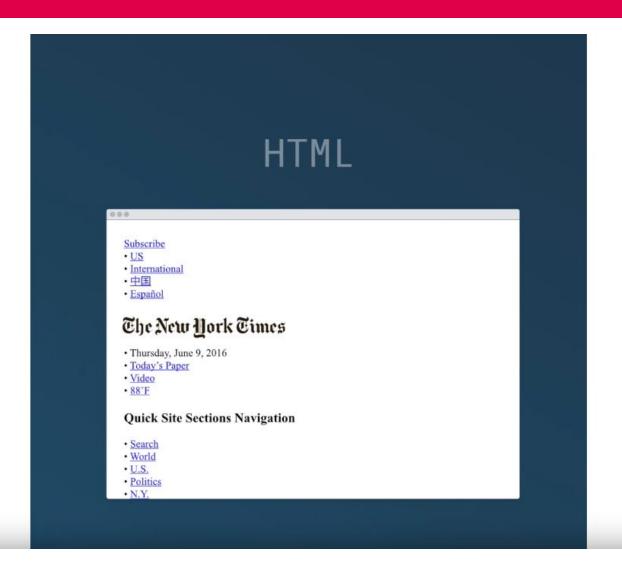
Basis rekenmachine







CSS Cascading Style Sheets





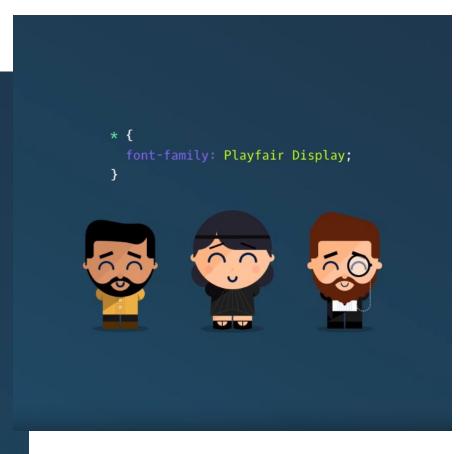
HTML + CSS SUBSCRIBE HOW LOS IN Q ≡ SECTIONS C, SEARCH U.S. INTERNATIONAL TIX ESPARAL The New York Times World U.S. Pulties N.Y. Business Opinion Tech Science Health Sports Arts Style Food Travel Magazine Thisgazine Real Edute ALL 99¢ FOR A 4-WEEK DIGITAL SUBSCRIPTION FROM THE MAGAZINE The Opinion Pages ELECTION 2016 Editorial: The Senate's Confirmation Stuttown Collins: The Hillary and Senate Road Trip Obama Offers Endorsement to Clinton, Urging - Kristof: Sanders, Clinton and, er, President Trump? Party Unity Edsalli Separated at Birth Greenhouse Justice Clarence Thomas's Solitary Voice Taking Note: What Hillary Clirion Faces · Afghanistan by Choice How do you make the wrenching decision of whether to leave your home? Join us on Facebook » TIMES HORSEN » How a Vague Hunch Led Freen a. Play Today's Puzzle Nass Groves · In a video posted on Hillary Clinton's Facebook page, the president said, "I don't think letter to the Stanford repo victim, expressing his "furious enger" and calling her "a warrior — with a solid steel spine" there's ever been someone so qualified to hold this office." - Mr. Cheme wants to begin Bird's most soup is a Chinasa delicary that playing an active role in the can sell for thousands of dollars. The dish is made with the nests of swiftlets, a tropical bird roce, but he has also been hesitant to declare it finished that builds its home with its own solve.



Webelementen

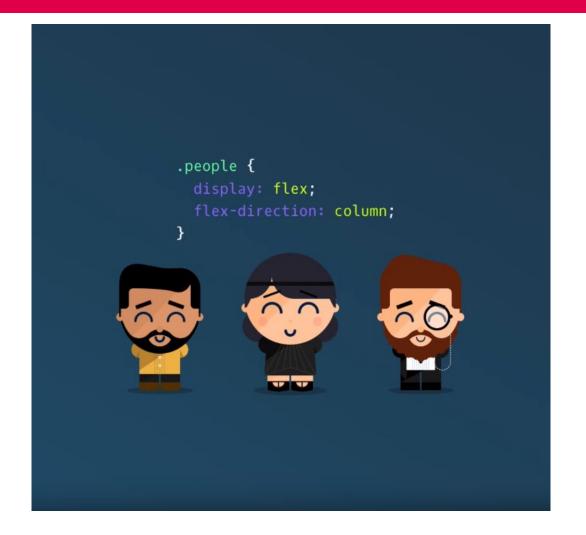


```
#sue .shirt {
   background-color: #33E5C3; ■
55
           00
```



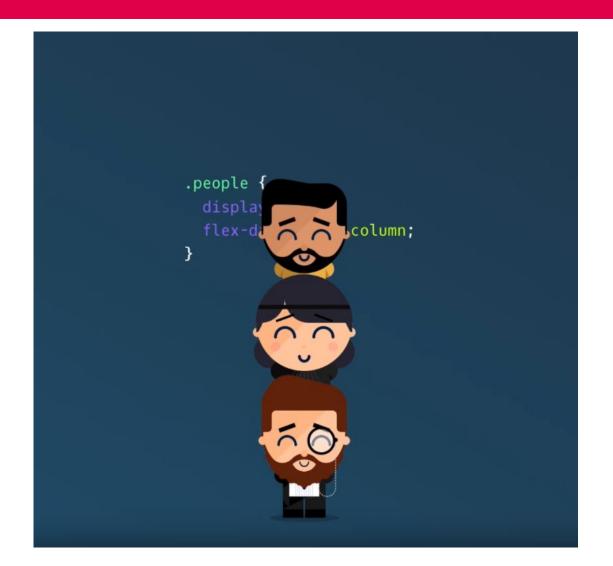








CSS Plaatsgeving





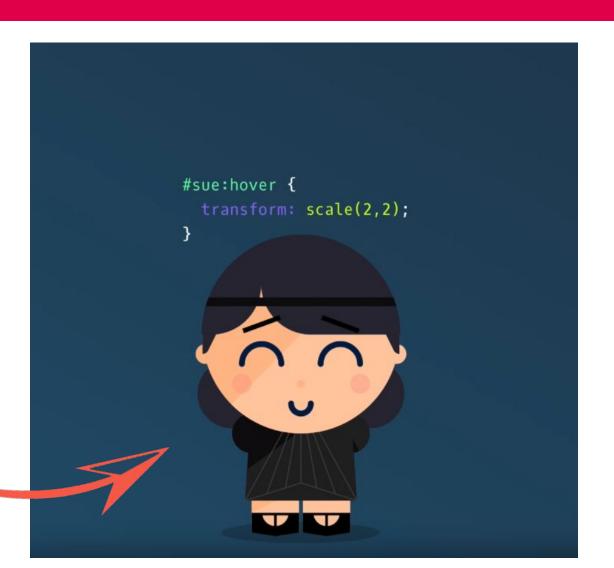
CSS beweging

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



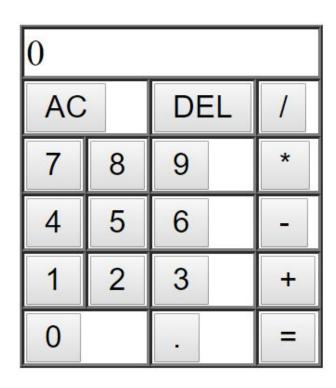
CSS beweging

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





CSS toepassen in ons rekenmachine







JavaScript

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



JavaScript Voorbeeld

```
<!DOCTYPE html>
2 ▼ <html>
3 ▼ <body>
4
   <h2>My First JavaScript</h2>
6
   <button type="button"</pre>
   onclick="document.getElementById('demo').innerHTML = Date()">
   Click me to display Date and Time.</button>
   </body>
   </html>
```



JS voorbeeld

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

```
<html lang="en">
<head>
   <meta charset="utf-8">
   <title>A Simple Calculator</title>
   <link href="https://fonts.googleapis.com/css?family=Ip __nsolata"</pre>
   <link href="stylesheet.css" rel="stylesheet" type="txt/css">
   <script type="text/javascript" src="code.js"></script>
</head>
<body>
   <div class="container">
      0
         <button onclick="pushBtn(this);">AC</button>
            <button onclick="pushBtn(this);">Del</button>
```

```
var inputLabel = document.getElementById('inputLabel');
     function pushBtn(obj) {
          var pushed = obj.innerHTML;
           if (pushed == '=') {
               //eval evaluates the expresion
               inputLabel.innerHTML = eval(inputLabel.innerHTML);
            else if (pushed == 'AC') {
               inputLabel.innerHTML = '0';
           } else if (pushed == 'Del') {
               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;
```



HTML en JS

★ Objecten gemaakt door browsers worden gebruikt door JS



Project afmaken

★ Samen Code Schrijven...