

生成三个div

三个div，每个div里面有一个kbd

如何在生成多个kbd(一个div里面有多多个kbd)

更改每一行kbd的个数

使得每一行变成不同的字母

style

设置kbd宽度

设置小写为大写

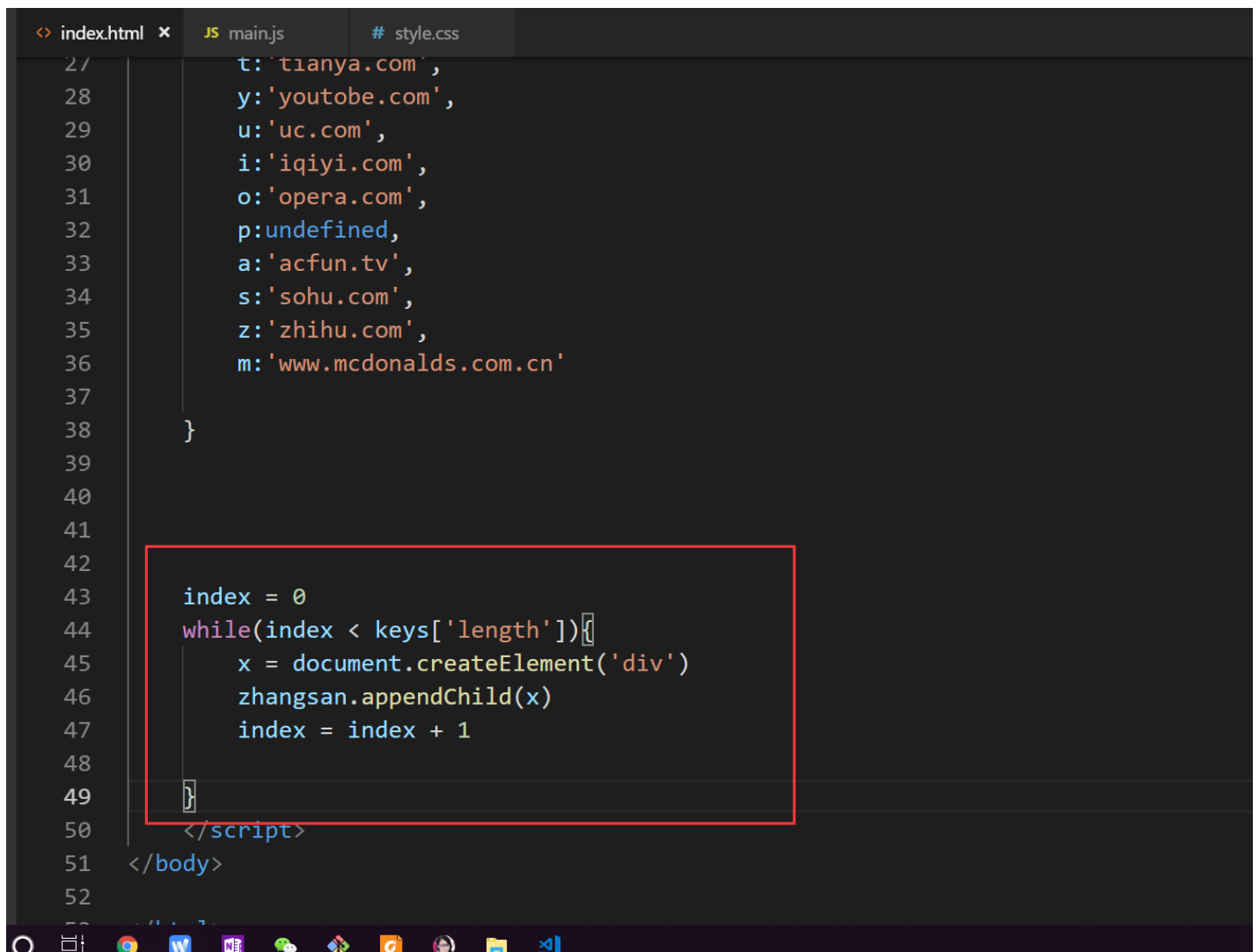
将下面两排拖至中间

让三个div地址一样

解决margin没有的问题

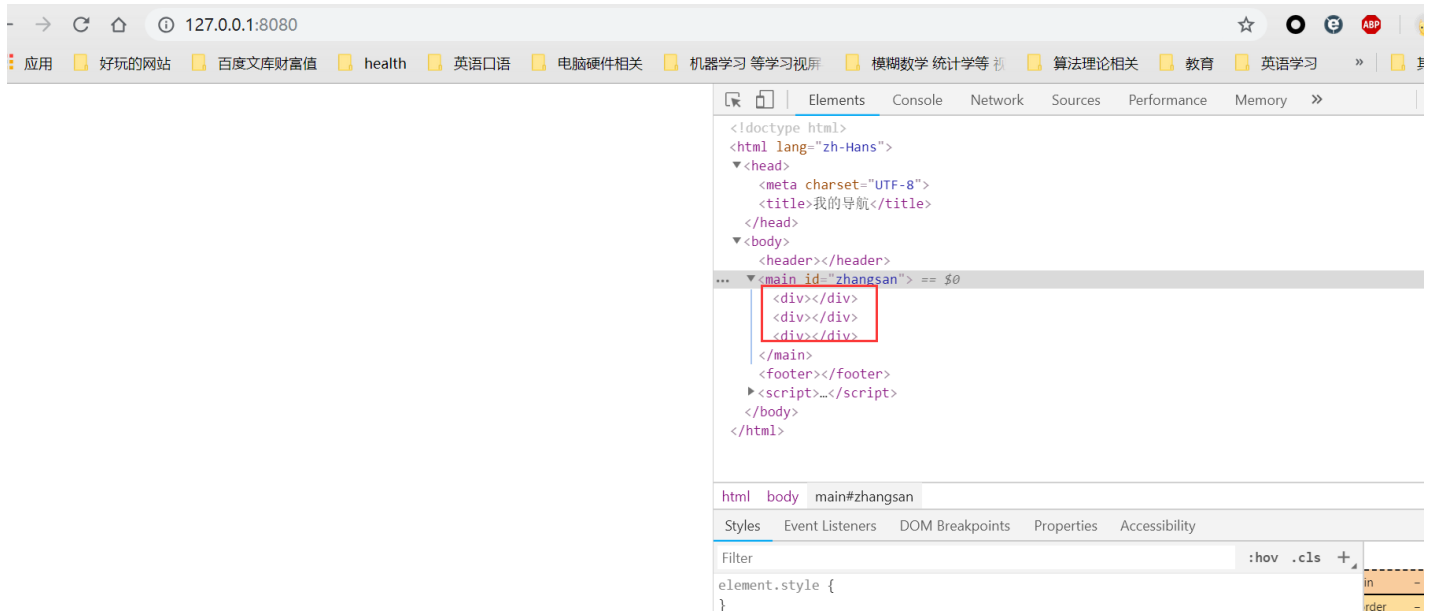
居中

## 生成三个div



```
index.html x JS main.js # style.css
27      t: 'tianya.com',
28      y: 'youtobe.com',
29      u: 'uc.com',
30      i: 'iqiyi.com',
31      o: 'opera.com',
32      p: undefined,
33      a: 'acfun.tv',
34      s: 'sohu.com',
35      z: 'zhihu.com',
36      m: 'www.mcdonalds.com.cn'
37
38  }
39
40
41
42
43  index = 0
44  while(index < keys['length']){
45      x = document.createElement('div')
46      zhangsan.appendChild(x)
47      index = index + 1
48  }
49
50  </script>
51  </body>
52
```

效果:



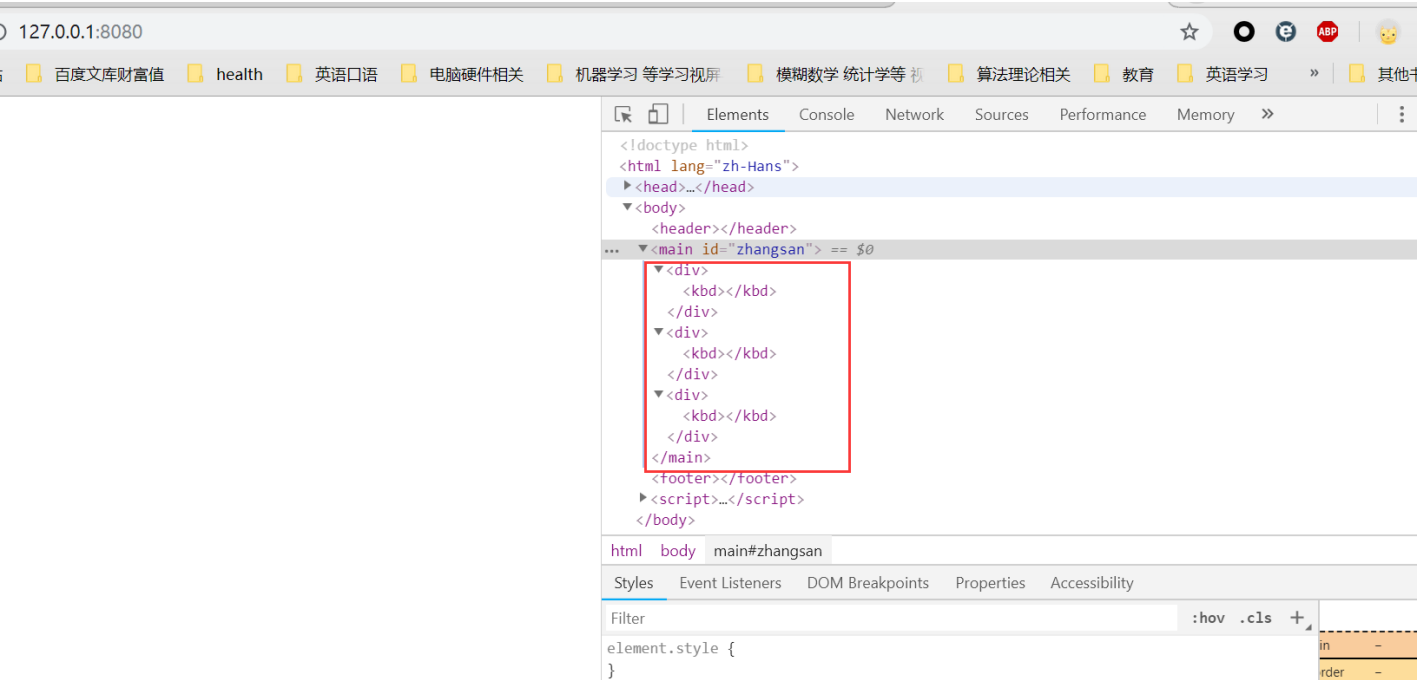
在把div插入到y(zhangsan)里面的时候,又在div创建了一个keyboard; 又把kbd插入到div里面;

```
body >
  <header></header>
  <main id='zhangsan'>
  </main>
  <footer></footer>
  <script>
    var keys = {
      0:{0:'q',1:'w',2:'e',3:'r',4:'t',5:'y',6:'u',7:'i',8:'o',9:
      1:['a','s','d','f','g','h','j','k','l'],
      2:['z','x','c','v','b','n','m'],
      length:3
    }
    var hash = {
      q : 'qq.com',
      w: 'weibo.com',
      e: 'ele.me',
      r: 'renren.com',
      t: 'tianya.com',
      y: 'youtube.com',
      u: 'uc.com',
```

```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
<> index.html x JS main.js # style.css
30 1: 'iqiyi.com',
31 o: 'opera.com',
32 p: undefined,
33 a: 'acfun.tv',
34 s: 'sohu.com',
35 z: 'zhihu.com',
36 m: 'www.mcdonalds.com.cn'
37
38 }
39
40
41
42
43 index = 0
44 while(index < keys['length']){
45     divxxx = document.createElement('div')
46     zhangsan.appendChild(divxxx)
47     z = document.createElement('kbd')
48     divxxx.appendChild(z)
49     index = index + 1
50
51 }
52 </script>
53 </body>
```

创建一个标签做儿子;创建一个标签 做儿子(总结上面一幅图)  
效果如下:

### 三个div，每个div里面有一个kbd



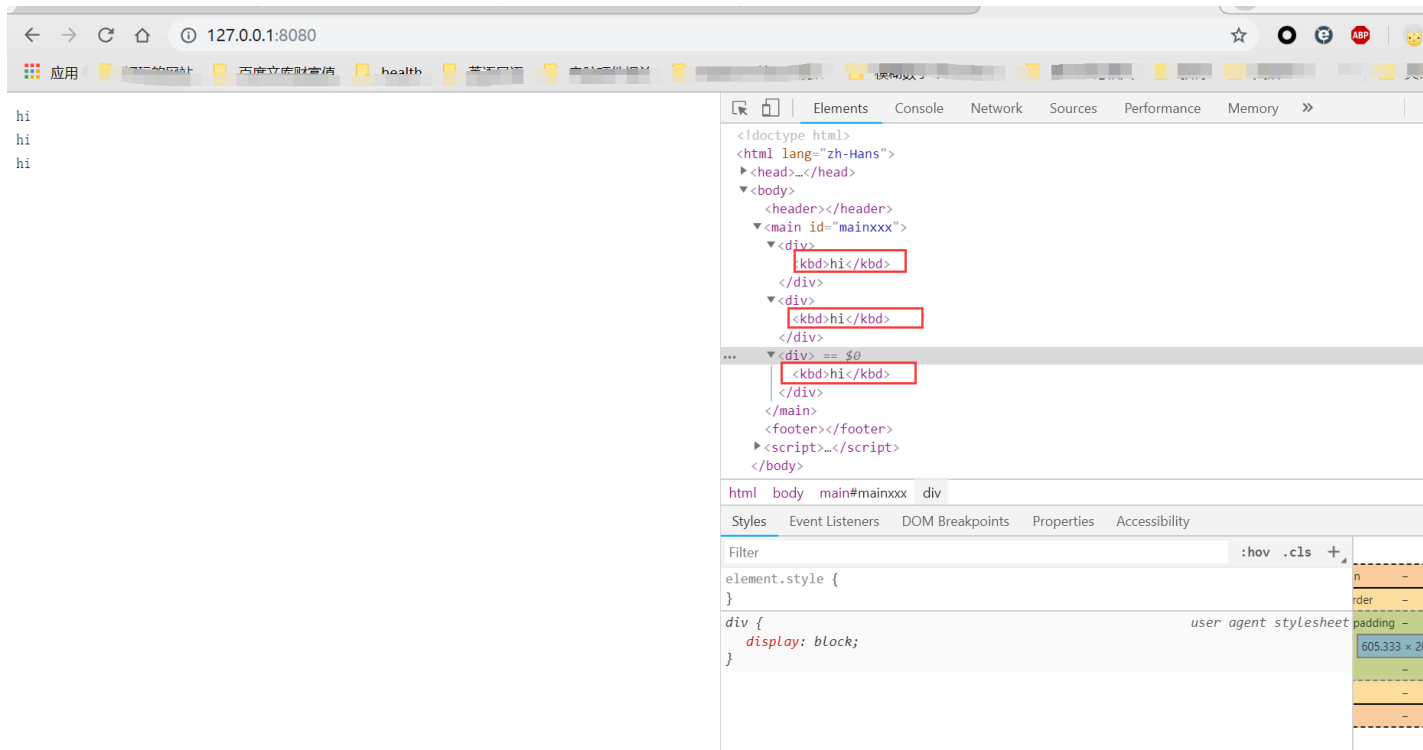
```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
index.html x JS main.js # style.css
27     y: 'youtube.com',
28     u: 'uc.com',
29     i: 'iqiyi.com',
30     o: 'opera.com',
31     p: undefined,
32     a: 'acfun.tv',
33     s: 'sohu.com',
34     z: 'zhihu.com',
35     m: 'www.mcdonalds.com.cn'
36
37 }
38 index = 0
39 while(index < keys['length']){
40     divxxx = document.createElement('div')
41     zhangsan.appendChild(divxxx)
42     z = document.createElement('kbd')
43     z.textContent = 'hi' //z里面的文本内容是hi
44     divxxx.appendChild(z)
45     index = index + 1
46
47 }
48 </script>
49 </body>
50
51 </html>
```

暂时的代码如下:

```
36
37 }
38 index = 0
39 while(index < keys['length']){
40     divxxx = document.createElement('div')
41     mainxxx.appendChild(divxxx)
42     kbdxxx = document.createElement('kbd')
43     kbdxxx.textContent = 'hi' //kbdxxx里面的文本内容是hi
44     divxxx.appendChild(kbdxxx)
45     index = index + 1
46
47 }
48 </script>
49 </body>
50
51 </html>
```

```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
<> index.html x JS main.js # style.css
1 <!DOCTYPE html>
2 <html lang="zh-Hans">
3 <head>
4   <meta charset="UTF-8">
5
6   <title>我的导航</title>
7 </head>
8 <body>
9   <header></header>
10  <main id="mainxxx">
11  </main>
12  <footer></footer>
13  <script>
14    var keys = {
15      0: {'q',1:'w',2:'e',3:'r',4:'t',5:'y',6:'u',7:'i',8:'o',9:'p',length:10},
16      1: ['a','s','d','f','g','h','j','k','l'],
17      2: ['z','x','c','v','b','n','m'],
18      length:3
19    }
20  }
21  var hash = {
22    q : 'qq.com',
23    w: 'weibo.com',
24    e: 'ele.me',
```

效果:



如何在生成多个kbd(一个div里面有多多个kbd)

index.html x

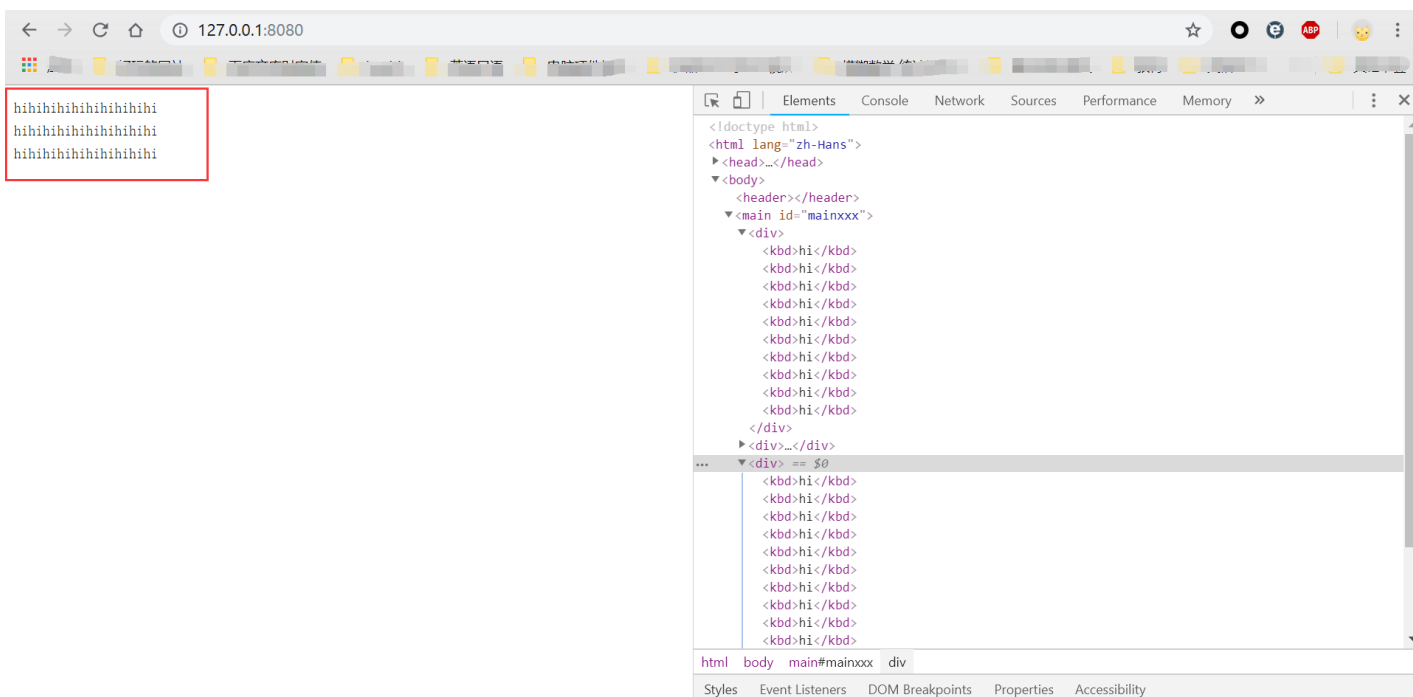
JS main.js

# style.css

```
29     i: 'iqiyi.com',
30     o: 'opera.com',
31     p: undefined,
32     a: 'acfun.tv',
33     s: 'sohu.com',
34     z: 'zhihu.com',
35     m: 'www.mcdonalds.com.cn'
36
37   }
38   index = 0
39   while(index < keys['length']){
40     divxxx = document.createElement('div')
41     mainxxx.appendChild(divxxx)
42     index2 = 0
43     while(index2 < 10){
44
45     }
46     kbdxxx = document.createElement('kbd')
47     kbdxxx.textContent = 'hi' //kbdxxx里面的文本内容是hi
48     divxxx.appendChild(kbdxxx)
49     index = index + 1
50
51   }
52 </script>
```

```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
<> index.html x JS main.js # style.css
29 i:'iqiyi.com',
30 o:'opera.com',
31 p:undefined,
32 a:'acfun.tv',
33 s:'sohu.com',
34 z:'zhihu.com',
35 m:'www.mcdonalds.com.cn'
36
37 }
38 index = 0
39 while(index < keys['length']){
40     divxxx = document.createElement('div')
41     mainxxx.appendChild(divxxx)
42     index2 = 0
43     while(index2 < 10){
44         kbdxxx = document.createElement('kbd')
45         kbdxxx.textContent = 'hi' //kbdxxx里面的文本内容是hi
46         divxxx.appendChild(kbdxxx)
47         index2 = index2 + 1
48     }
49
50
51     index = index + 1
52 }
```

效果:



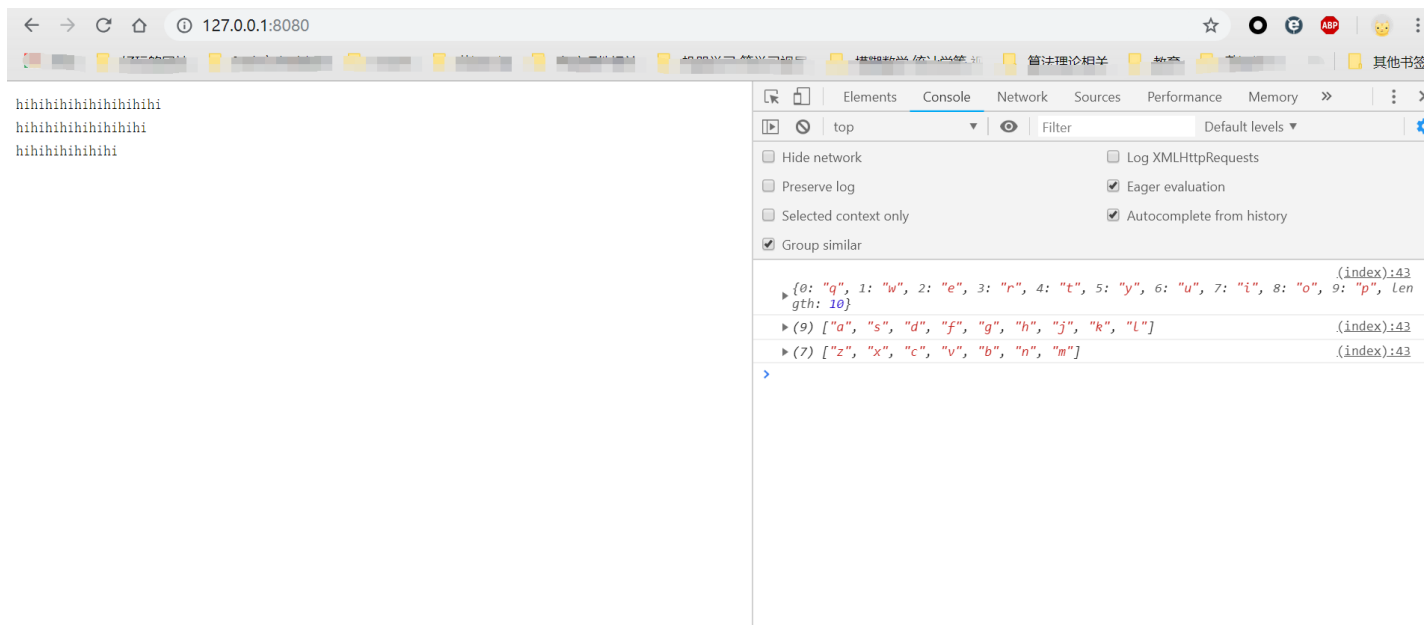
更改每一行kbd的个数





```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
index.html x JS main.js # style.css
29 i:'iqiyi.com',
30 o:'opera.com',
31 p:undefined,
32 a:'acfun.tv',
33 s:'sohu.com',
34 z:'zhihu.com',
35 m:'www.mcdonalds.com.cn'
36
37 }
38 index = 0
39 while(index < keys['length']){ //0 1 2
40     divxxx = document.createElement('div')
41     mainxxx.appendChild(divxxx)
42     row = keys[index] //第一个数组 第二个数组 第三个数组
43     console.log(row)
44     index2 = 0
45     while(index2 < row['length']){
46         kbdxxx = document.createElement('kbd')
47         kbdxxx.textContent = 'hi' //kbdxxx里面的文本内容是hi
48         divxxx.appendChild(kbdxxx)
49         index2 = index2 + 1
50     }
51 }
```

效果:



使得每一行变成不同的字母

```
127.0.0.1:8080
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
index.html x JS main.js # style.css
32 a: 'acfun.tv',
33 s: 'sohu.com',
34 z: 'zhihu.com',
35 m: 'www.mcdonalds.com.cn'
36
37 }
38 index = 0
39 while(index < keys['length']){ //0 1 2
40   divxxx = document.createElement('div')
41   mainxxx.appendChild(divxxx)
42   row = keys[index] //第一个数组 第二个数组 第三个数组
43   console.log(row)
44   index2 = 0
45   while(index2 < row['length']){//第一行10个 第二行9个 第三行7个
46     kbdxxx = document.createElement('kbd')//
47     kbdxxx.textContent = row[index2] //kbdxxx里面的文本内容是
48     divxxx.appendChild(kbdxxx)
49     index2 = index2 + 1
50   }
51
52
53   index = index + 1
54
```

127.0.0.1:8080

qwertyuiop  
asdfghjkl  
zxcvbnm

Elements

```
<!doctype html>
<html lang="zh-Hans">
  <head>...</head>
  <body>
    <header></header>
    <main id="mainxxx">
      <div>
        <kbd>q</kbd>
        <kbd>w</kbd>
        <kbd>e</kbd>
        <kbd>r</kbd>
        <kbd>t</kbd>
        <kbd>y</kbd>
        <kbd>u</kbd>
        <kbd>i</kbd>
        <kbd>o</kbd>
        <kbd>p</kbd>
      </div>
      <div>...</div>
      <div> == $0
        <kbd>z</kbd>
        <kbd>x</kbd>
        <kbd>c</kbd>
        <kbd>v</kbd>
        <kbd>b</kbd>
        <kbd>n</kbd>
        <kbd>m</kbd>
      </div>
    </main>
  </body>
</html>
```

html body main#mainxxx div

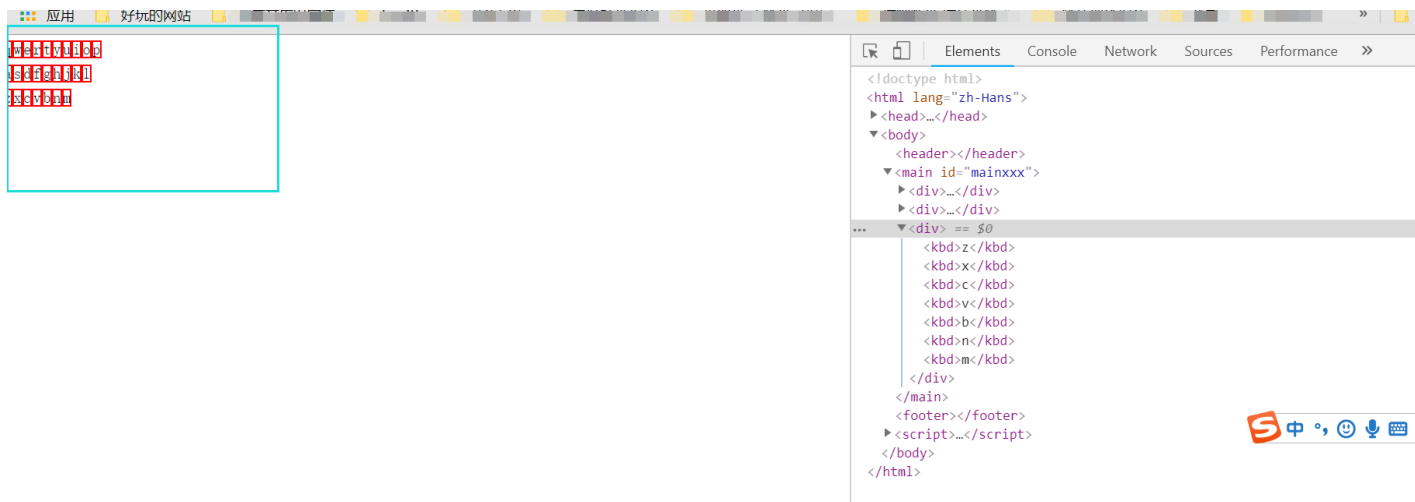
Styles Event Listeners DOM Breakpoints Properties Accessibility

style

```
File Edit Selection View Go Debug Terminal Help style.css
index.html # style.css x JS main.js
1 *{margin: 0;padding: 0;}
2 a{text-decoration: none;}
3 kbd{border: 1px solid red;}
4
```

```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
index.html x # style.css JS main.js
1 <!DOCTYPE html>
2 <html lang="zh-Hans">
3 <head>
4   <meta charset="UTF-8">
5
6   <title>我的导航</title>
7   <link rel="stylesheet" href="./style.css">
8 </head>
9 <body>
10  <header></header>
```

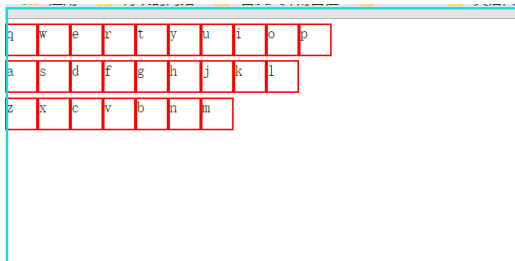
效果：



## 设置kbd宽度

设置其宽高; `kbd` 为内联元素;加一个 `display: inline-block` ;

```
File Edit Selection View Go Debug Terminal Help style.css - Visual Studio Code
index.html # style.css x JS main.js
1 *{margin: 0;padding: 0;}
2 a{text-decoration: none;}
3 kbd{border: 1px solid red; width: 2em; height: 2em; display: inline-block;}
4
```

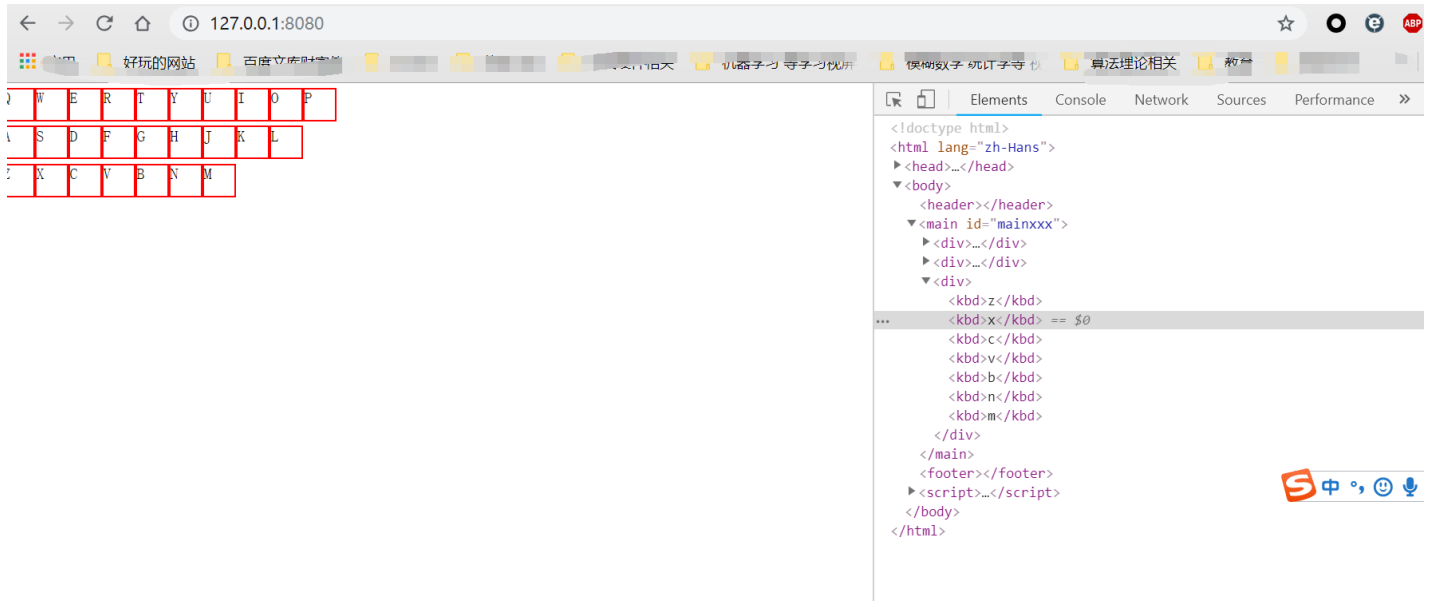


```
Elements Console Network Sources Performance >>
<!doctype html>
<html lang="zh-Hans">
  <head>...</head>
  <body>
    <header>...</header>
    <main id="mainxxx">
      <div>...</div>
      <div>...</div>
      ...
      <div> == $0
        <kbd>z</kbd>
        <kbd>x</kbd>
        <kbd>c</kbd>
        <kbd>v</kbd>
        <kbd>b</kbd>
        <kbd>n</kbd>
        <kbd>m</kbd>
      </div>
    </main>
    <footer>...</footer>
  </body>
</html>

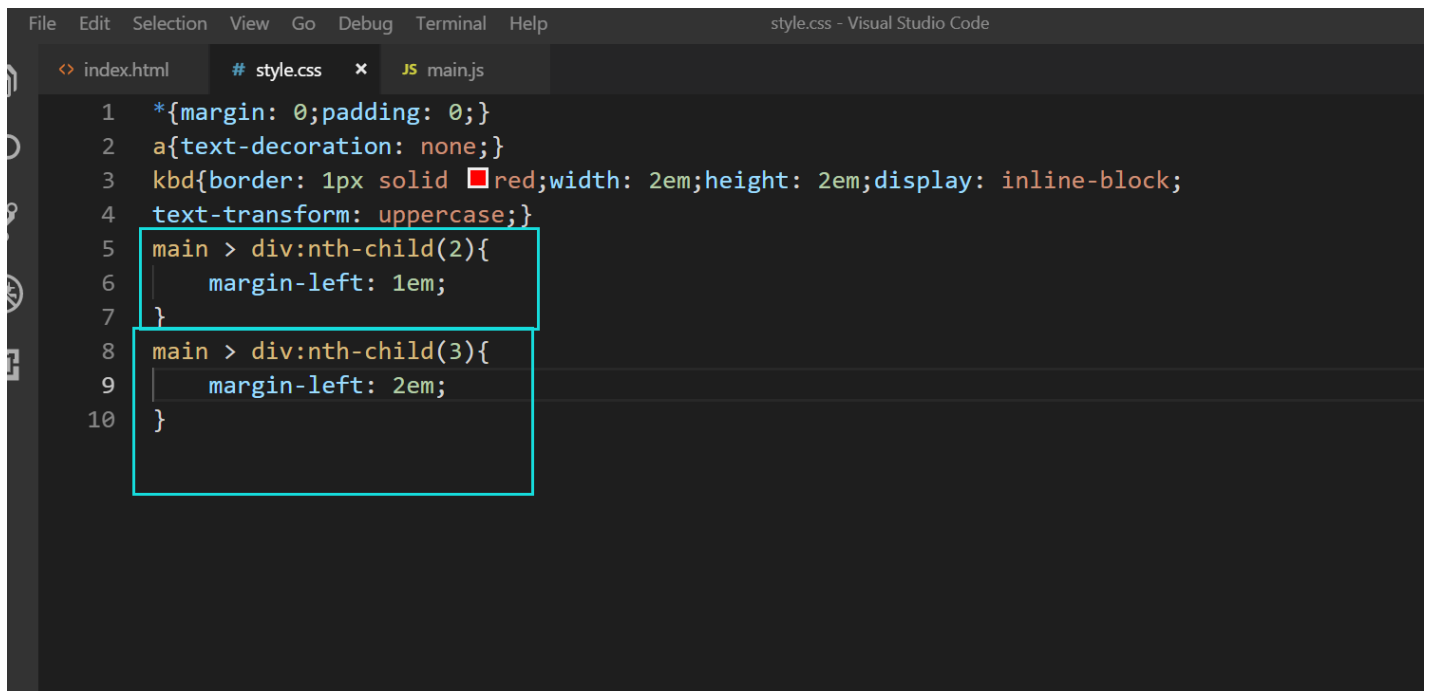
html body main#mainxxx div
Styles Event Listeners DOM Breakpoints Properties Accessibility
```

## 设置小写为大写

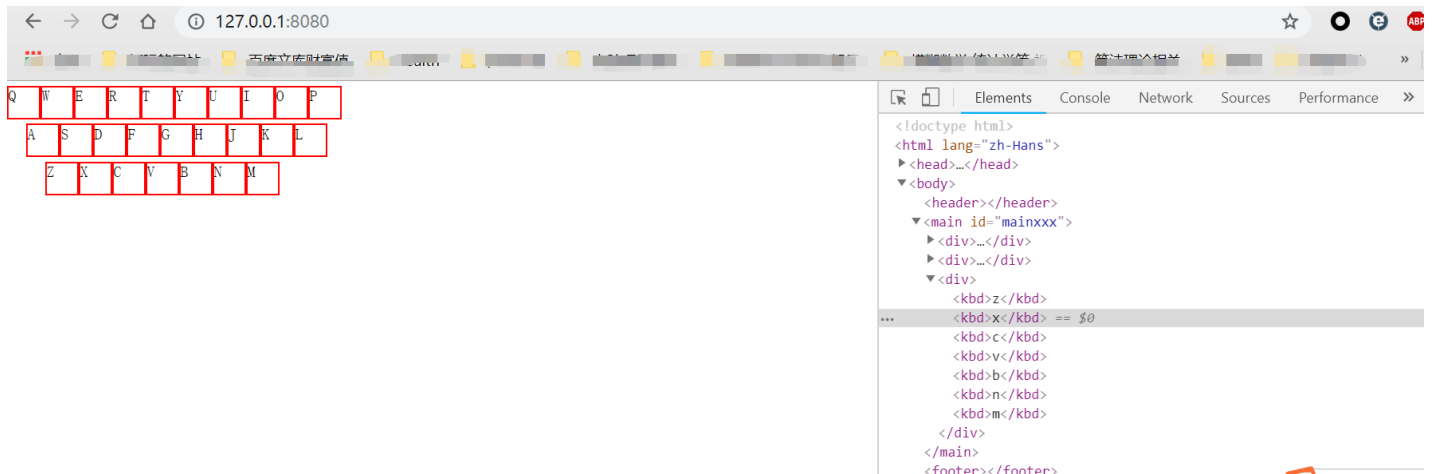
```
File Edit Selection View Go Debug Terminal Help style.css - Visual Studio Code
index.html # style.css x JS main.js
1 *{margin: 0;padding: 0;}
2 a{text-decoration: none;}
3 kbd{border: 1px solid red; width: 2em; height: 2em; display: inline-block;}
4 text-transform: uppercase;}
5
```



将下面两排拖至中间



效果:



让三个div地址一样

```
File Edit Selection View Go Debug Terminal Help index.html - Visual Studio Code
<> index.html x # style.css JS main.js
7 <link rel="stylesheet" href="./style.css">
8 </head>
9 <body>
10 <header></header>
11 <main>
12 <div class="wrapper" id="mainxxx">
13
14 </div>
15 </main>
16 <footer></footer>
17 <script>
18 var keys = {
19   0: {0: 'q', 1: 'w', 2: 'e', 3: 'r', 4: 't', 5: 'y', 6: 'u', 7: 'i', 8: 'o',
20     1: ['a', 's', 'd', 'f', 'g', 'h', 'j', 'k', 'l'],
21     2: ['z', 'x', 'c', 'v', 'b', 'n', 'm'],
22     length: 3
```

main里面有一个wrapper的div,

← → ↻ 🏠 ⓘ 127.0.0.1:8080

应用 好玩的网站 百度文库 英语词典 电脑硬件相关 机器学习 笨学习通 算法理论相关 教育 英语听力

Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	
Z	X	C	V	B	N	M			

Elements Console Network Sources Performance

<!doctype html>  
<html lang="zh-Hans">  
<head>...</head>  
...<body> == \$0  
 <header></header>  
 <main>...</main>  
 <footer></footer>  
 <script>...</script>  
</body>  
</html>

解决marge没有的问题

让margin再次出现:

```
File Edit Selection View Go Debug Terminal Help
<> index.html # style.css x JS main.js
1  *{margin: 0;padding: 0;}
2  a{text-decoration: none;}
3  kbd{border: 1px solid red;width: 2em;}
4  text-transform: uppercase;}
5  #mainxxx > div:nth-child(2){
6      margin-left: 1em;
7  }
8  #mainxxx > div:nth-child(3){
9      margin-left: 2em;
10 }
```

## 居中

居中的两种方法:

1.内联元素的居中:

给爸爸加一个 `text-align: center` ;

2.块级元素(div):

如果宽度是固定,也好居中;

但是现在的问题是什么? 以上两者皆不是;

解决办法:

1):将其变成内联元素;

```
File Edit Selection View Go Debug Terminal Help style.css - Vi
<> index.html # style.css x JS main.js
1  *{margin: 0;padding: 0;}
2  a{text-decoration: none;}
3  kbd{border: 1px solid red;width: 2em;heigh
4  text-transform: uppercase;}
5  #mainxxx{
6      display: inline-block;
7  }
8  #mainxxx > div:nth-child(2){
9      margin-left: 1em;
10 }
```

2)让其宽度固定;

1):

```
File Edit Selection View Go Debug Terminal Help style.css - Vi
<> index.html # style.css x JS main.js
1  *{margin: 0;padding: 0;}
2  a{text-decoration: none;}
3  kbd{border: 1px solid red;width: 2em;heigh
4  text-transform: uppercase;}
5  #mainxxx{
6      display: inline-block;
7  }
8  #mainxxx > div:nth-child(2){
9      margin-left: 1em;
10 }
```





在其爸爸身上加一个 `text-align: center;`;

