

**HTML**



**CSS**



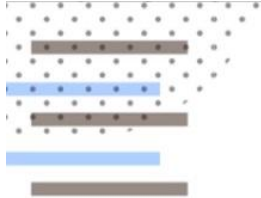
# HTML+CSS

Анимация текста  
Урок 4



# Проверка домашнего задания

2



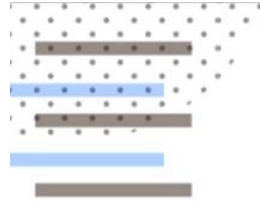
# Что мы сегодня сделаем?

3

CODOLOGIA H|

C	O	D	O	L	O	G	I	A	—	L	O	V	E
---	---	---	---	---	---	---	---	---	---	---	---	---	---

# Открываем Sublime Text 3



Sublime Text 3

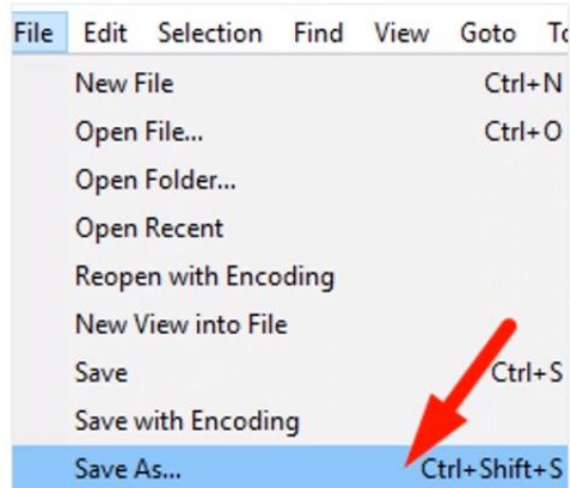
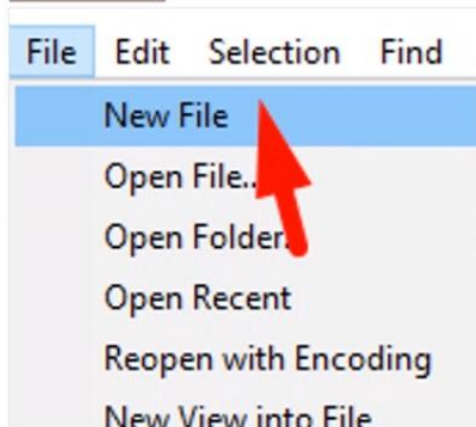
Приложения  
Sublime Text 3

Project Preferences Help

- Browse Packages...
- Settings
- Settings – Syntax Specific
- Settings – Distraction Free
- Key Bindings
- Color Scheme...**
- Theme...
- Font >

- Breakers
- Celeste**
- Mariana
- Monokai
- Sixteen

## Создаем HTML документ

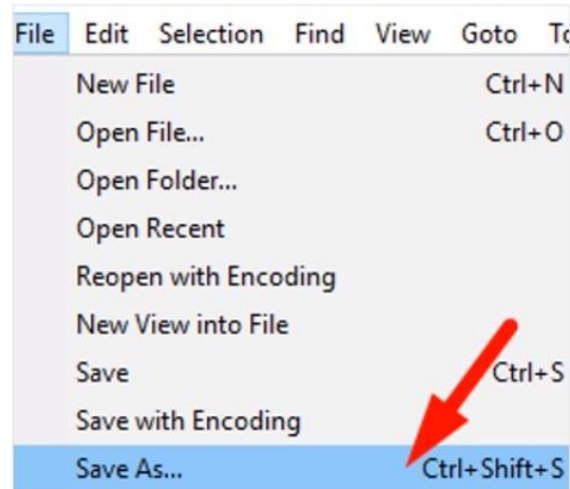
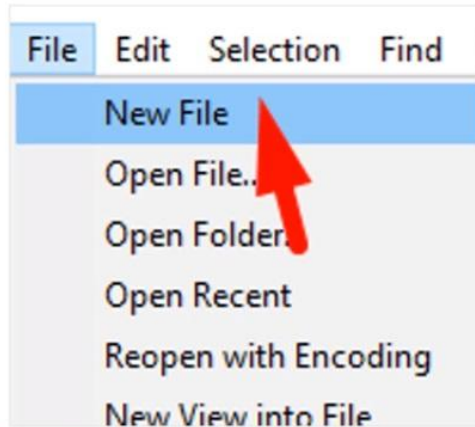


Имя файла: test4.html

Тип файла: HTML (\*.html;\*.htm;\*.shtml;\*.xhtml)

# Создаем CSS документ

6



Имя файла: style4.css

Тип файла: CSS (\*.css;\*.css.erb;\*.css.liquid)

# Создаем основу документа HTML

7

```
test4.html style4.css x
1 <ht|
  html
```



```
test4.html style4.css
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title></title>
5 </head>
6 <body>
7
8 </body>
9 </html>
```

# Структура HTML страницы

8

test4.html

style4.css

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>TextAnimation</title>
5   <link rel="stylesheet" type="text/css" href="style4.css">
6 </head>
7 <body>
8 <h1 text="Codologia"> Codologia </h1>
9 </body>
10 </html>
```



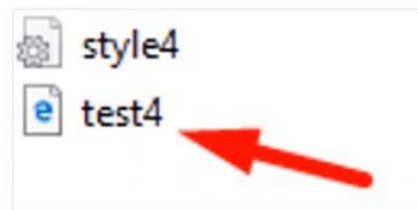
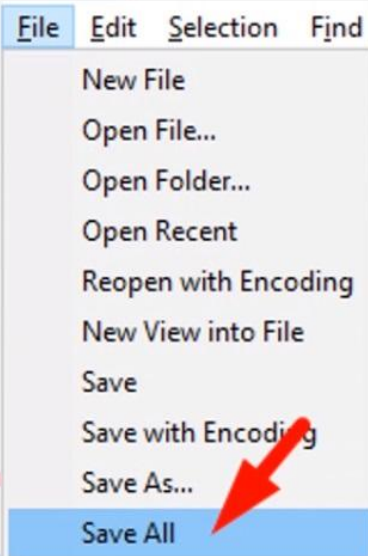
# Работа с CSS

9

```
test4.html x style4.css x
1 body
2 {
3     background-color: #262626;
4     margin:0;
5     padding:0;
6 }
7
8 h1{
9     position: absolute;
10    margin: 0;
11    padding: 0;
12    top: 200px;
13    left: 700px;
14    font-family: "Calibri", sans-serif;
15    letter-spacing: 5px;
16    color: white;
17    text-transform: uppercase;
18 }
```

# Открываем веб страницу

10



# Работа с CSS

```
8 h1{
9   position: absolute;
10  margin: 0;
11  padding: 0;
12  top: 200px;
13  left: 700px;
14  font-family: "Calibri", sans-serif;
15  letter-spacing: 6px;
16  color: white;
17  text-transform: uppercase;
18 }
19
20 h1:before
21 {
22   content: attr(text);
23   position: absolute;
24   top: 0;
25   left: 0;
26   width: 100%;
27   height: 100%;
28   color: white;
29   border-right: 2px solid white;
30 }
31 }
```

## Пример псевдоэлементов before и after

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <meta charset="utf-8">
5   <link rel="stylesheet" type="text/css" href="css.css">
6
7 </head>
8 <body>
9 <q>Нужно больше сердечек</q>намного больше!<q>да, думаю, так хватит.</q>
10 </body>
11 </html>
```

```
1 q::before
2 {
3   content: '♥';
4   color: blue;
5 }
6
7 q::after
8 {
9   content: '♥';
10  color: red;
11 }
```

♥Нужно больше сердечек♥намного больше!♥да, думаю, так хватит.♥

# Работаем с CSS

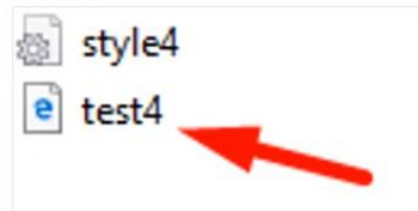
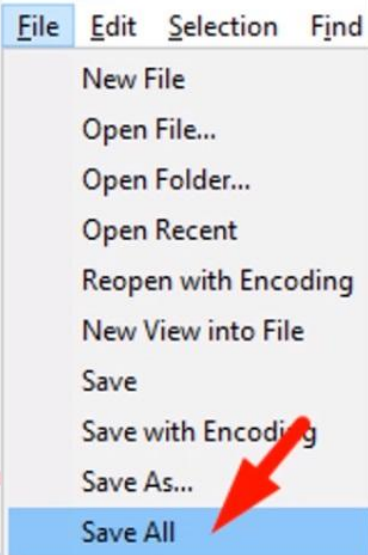
13

```
20 h1:before
21 {
22     content: attr(text);
23     position: absolute;
24     top: 0;
25     left: 0;
26     width: 100%;
27     height: 100%;
28     color: white;
29     border-right: 2px solid white;
30
31     animation-name: wow;
32     animation-duration: 4s;
33     animation-iteration-count: infinite;
34     animation-timing-function: linear;
35     white-space: nowrap;
36 }
```

```
38 @keyframes wow
39 {
40     0%{
41         width: 0;
42     }
43     50%
44     {
45         width: 100%;
46     }
47     100%
48     {
49         width: 0;
50     }
51 }
```

# Открываем веб страницу

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# Работаем с CSS

15

```
h1{  
  position: absolute;  
  margin: 0;  
  padding: 0;  
  top: 200px;  
  left: 700px;  
  font-family: "Calibri", sans-serif;  
  letter-spacing: 6px;  
  color: white;  
  text-transform: uppercase;  
  color: transparent;  
}
```

```
21 h1:before  
22 {  
23   content: attr(text);  
24   position: absolute;  
25   top: 0;  
26   left: 0;  
27   width: 100%;  
28   height: 100%;  
29   color: white;  
30   border-right: 2px solid white;  
31  
32   animation-name: wow;  
33   animation-duration: 4s;  
34   animation-iteration-count: infinite;  
35   animation-timing-function: linear;  
36   white-space: nowrap;  
37  
38   overflow: hidden;  
39 }
```



## Открываем веб страницу

File Edit Selection Find

New File  
Open File...  
Open Folder...  
Open Recent  
Reopen with Encoding  
New View into File  
Save  
Save with Encoding  
Save As...  
Save All

style4

test4





## Задание

Измените саму надпись, поменяйте цвет, размер, шрифт, измените в настройках анимации свойство `linear`, на `steps()` (в параметрах любое целое число), посмотрите что получится



CODOLOGIA HELLO!

## Решение

18

```
test4.html x style4.css x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>TextAnimation</title>
5   <link rel="stylesheet" type="text/css" href="style4.css">
6 </head>
7 <body>
8 <h1 text="Codologia hello!"> Codologia hello!</h1>
9 </body>
10 </html>
```

# Решение

19

```
8 h1{
9   position: absolute;
10  margin: 0;
11  padding: 0;
12  top: 200px;
13  left: 700px;
14  font-family: "Times New Roman", sans-serif;
15  size: 20px;
16  letter-spacing: 6px;
17
18  text-transform: uppercase;
19  color: transparent;
20
21 }
```

```
23 h1:before
24 {
25   content: attr(text);
26   position: absolute;
27   top: 0;
28   left: 0;
29   width: 100%;
30   height: 100%;
31   color: #FF38CF;
32   border-right: 2px solid #FF38CF;
33
34   animation-name: wow;
35   animation-duration: 4s;
36   animation-iteration-count: infinite;
37   animation-timing-function: steps(20);
38   white-space: nowrap;
39
40   overflow: hidden;
41 }
```

# Работаем с HTML

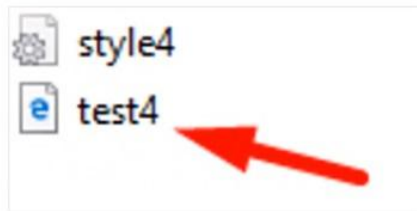
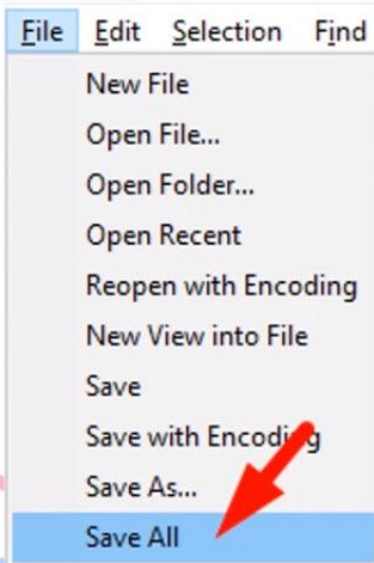
20

```
test4.html style4.css x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>TextAnimation</title>
5   <link rel="stylesheet" type="text/css" href="style4.css">
6 </head>
7 <body>
8 <h1 text="Codologia hello!"> Codologia hello!</h1>
9
10 <div class="Codologia">
11   <span>C</span>
12   <span>O</span>
13   <span>D</span>
14   <span>O</span>
15   <span>L</span>
16   <span>O</span>
17   <span>G</span>
18   <span>I</span>
19   <span>A</span>
20 </div>
21
22 </body>
23 </html>
```

## Работаем с CSS

```
57  
58 .Codologia {  
59     position: absolute;  
60     top:500px;  
61     left:700px;  
62 }  
63  
64 .Codologia span {  
65     color: #fff;  
66     font-family: "Calibri";  
67     font-size: 35px;  
68     display: inline-block;  
69  
70     color: #fff;  
71     width: 50px;  
72     width: 50px;  
73     text-align: center;  
74     line-height: 50px;  
75     border:1px solid rgba(255,255,255, .4);  
76     margin: 0 -2.5px;  
77 }
```

# Открываем веб страницу



# Работаем с CSS

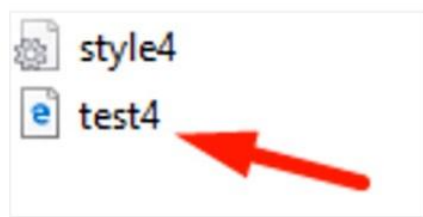
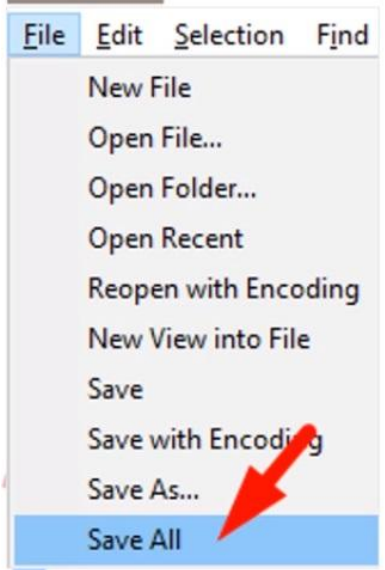
23

```
64 .Codologia span {
65     color: #fff;
66     font-family: "Calibri";
67     font-size: 35px;
68     display: inline-block;
69
70     color: #fff;
71     width: 50px;
72     width: 50px;
73     text-align: center;
74     line-height: 50px;
75     border: 1px solid rgba(255,255,255, .4);
76     margin: 0 -2.5px;
77
78     animation-name: anim;
79     animation-duration: 2s;
80     animation-iteration-count: infinite;
81     animation-timing-function: linear;
82 }
```

```
84 @keyframes anim {
85
86     0%{
87         color: #f00;
88         box-shadow: 0 2px 10px rgba(255,0,0,1);
89         border: 1px solid rgba(255,0,0,1);
90     }
91
92     30%{
93         color: #ff0;
94         box-shadow: 0 2px 10px rgba(255,255,0,1);
95         border: 1px solid rgba(255,255,0,1);
96     }
97
98     60%{
99         color: #0f0;
100        box-shadow: 0 2px 10px rgba(0,255,0,1);
101        border: 1px solid rgba(0,255,0,1);
102    }
103
104
105    100%{
106        color: #f00;
107        box-shadow: 0 2px 10px rgba(255,0,0,1);
108        border: 1px solid rgba(255,0,0,1);
109    }
110 }
```



# Открываем веб страницу





## Работаем с CSS

```
113 .Codologia span:nth-child(1)
114 {
115     animation-delay: 0s;
116 }
117 .Codologia span:nth-child(2)
118 {
119     animation-delay: 0.1s;
120 }
121 .Codologia span:nth-child(3)
122 {
123     animation-delay: 0.2s;
124 }
125 .Codologia span:nth-child(4)
126 {
127     animation-delay: 0.3s;
128 }
129 .Codologia span:nth-child(5)
130 {
131     animation-delay: 0.4s;
132 }
```

```
133 .Codologia span:nth-child(6)
134 {
135     animation-delay: 0.5s;
136 }
137 .Codologia span:nth-child(7)
138 {
139     animation-delay: 0.6s;
140 }
141 .Codologia span:nth-child(8)
142 {
143     animation-delay: 0.7s;
144 }
145 .Codologia span:nth-child(9)
146 {
147     animation-delay: 0.8s;
148 }
```

# Задание

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Измените надпись, размер текста, квадратов



## Решение

```
<div class="Codologia">  
  <span>C</span>  
  <span>O</span>  
  <span>D</span>  
  <span>O</span>  
  <span>L</span>  
  <span>O</span>  
  <span>G</span>  
  <span>I</span>  
  <span>A</span>  
  <span> </span>  
  <span>L</span>  
  <span>O</span>  
  <span>V</span>  
  <span>E</span>  
</div>
```

## Решение

```
149 .Codologia span:nth-child(10)
150 {
151     animation-delay: 0.9s;
152 }
153 .Codologia span:nth-child(11)
154 {
155     animation-delay: 1s;
156 }
157 .Codologia span:nth-child(12)
158 {
159     animation-delay: 1.2s;
160 }
161 .Codologia span:nth-child(13)
162 {
163     animation-delay: 1.3s;
164 }
165 .Codologia span:nth-child(14)
166 {
167     animation-delay: 1.4s;
168 }
```

```
58 .Codologia {
59     position: absolute;
60     top: 500px;
61     left: 400px;
62 }
63
64 .Codologia span {
65     color: #fff;
66     font-family: "Calibri";
67     font-size: 45px;
68     display: inline-block;
69
70     color: #fff;
71     width: 70px;
72     text-align: center;
73     line-height: 70px;
74     border: 1px solid rgba(255,255,255, .4);
75     margin: 0 -2.5px;
76
77     animation-name: anim;
78     animation-duration: 2s;
79     animation-iteration-count: infinite;
80     animation-timing-function: linear;
81 }
```

## Домашнее задание

Создайте две новые надписи, примените к ним анимацию печати и изменения цвета

