

HTML



CSS



HTML+CSS

Анимация животных
Урок 5



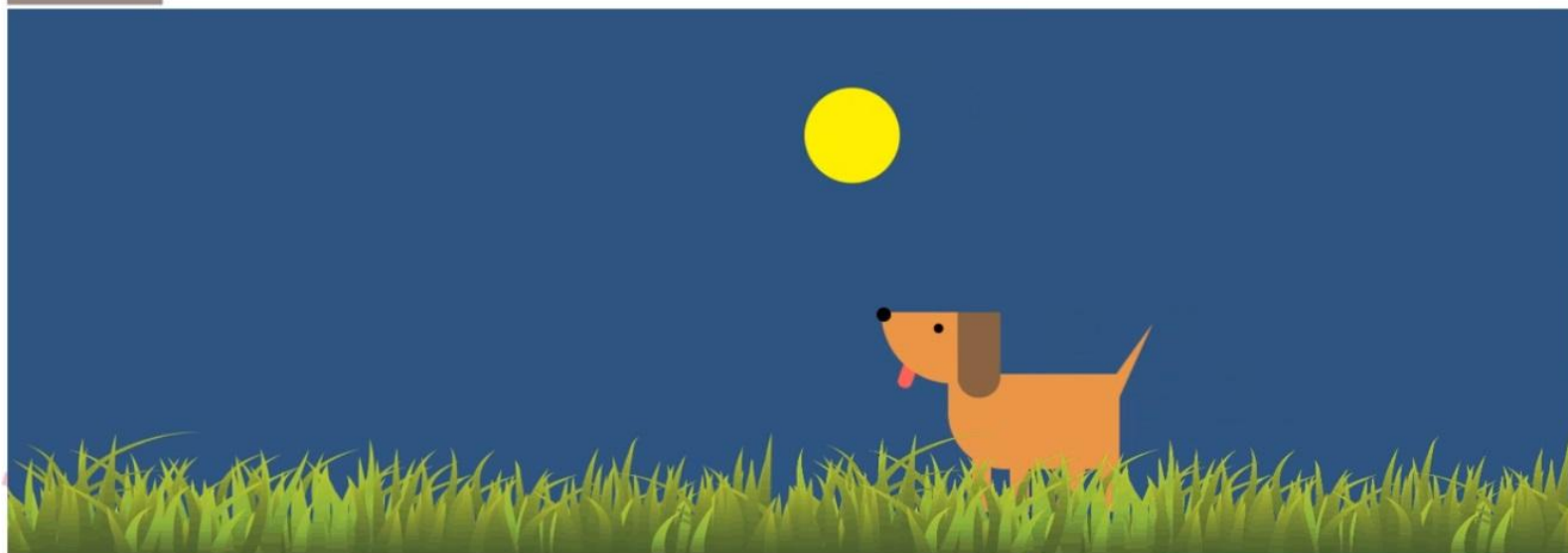
Проверка домашнего задания

2

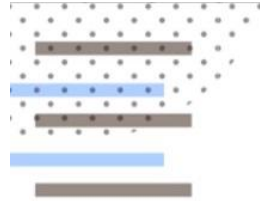


Что мы сегодня сделаем?

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Открываем Sublime Text 3



Sublime Text 3

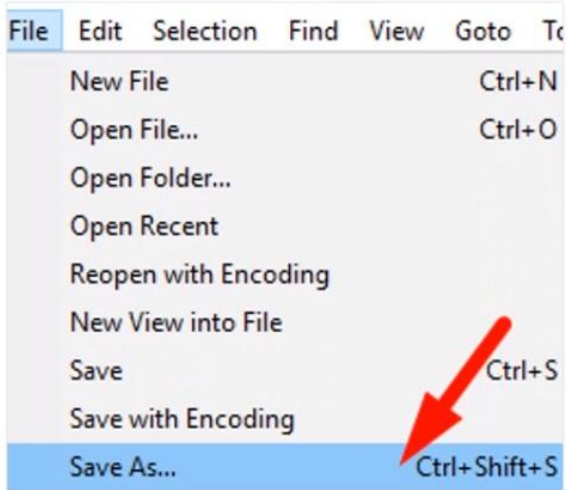
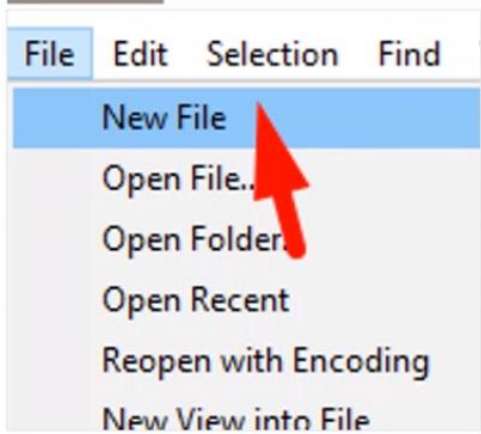
Приложения
Sublime Text 3

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

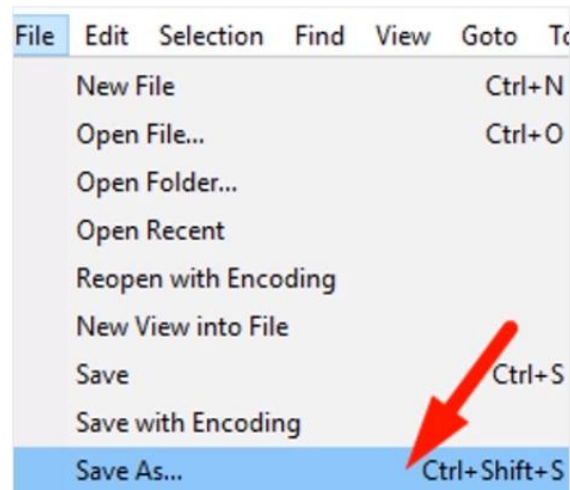
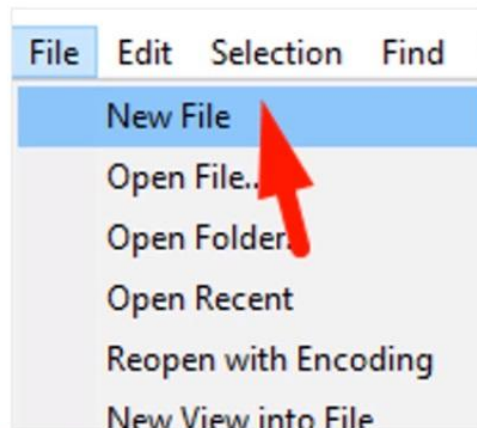


Урок 5

Имя файла: test5.html

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

Создаем CSS документ



Урок 5

Имя файла: style5.css

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

A red arrow points to the text 'style5.css'.

Создаем основу документа HTML

7

```
test5.html style5.css x
1 <ht
html html
```

```
test5.html style5.css x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title></title>
5 </head>
6 <body>
7
8 </body>
9 </html>
```

Структура HTML страницы

8

test5.html

style5.css

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>AnimalAnimation</title>
5     <link rel="stylesheet" type="text/css" href="style5.css">
6 </head>
7 <body>
8 <div class="dog"></div>
9 </body>
10 </html>
```


Работа с CSS

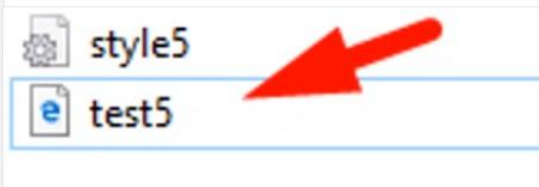
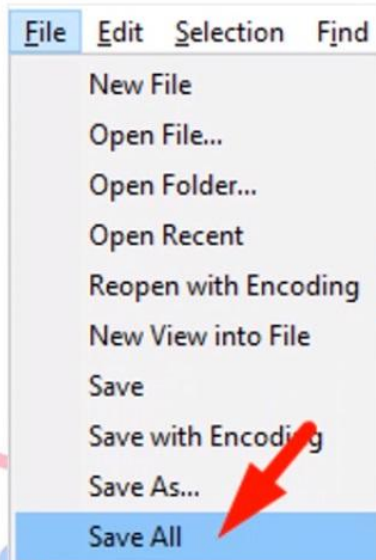
9

```
test5.html x style5.css x
1 body{
2     background-color: #30567E;
3     margin: 0px;
4     padding: 0px;
5 }
6
7 .dog{
8     background-color:#E3924A;
9     position: relative;
10    height: 100px;
11    width: 180px;
12    top: 400px;
13    left: 200px;
14    border-radius: 0px 0px 0px 60px
15 }
```



Открываем веб страницу

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Работа с HTML

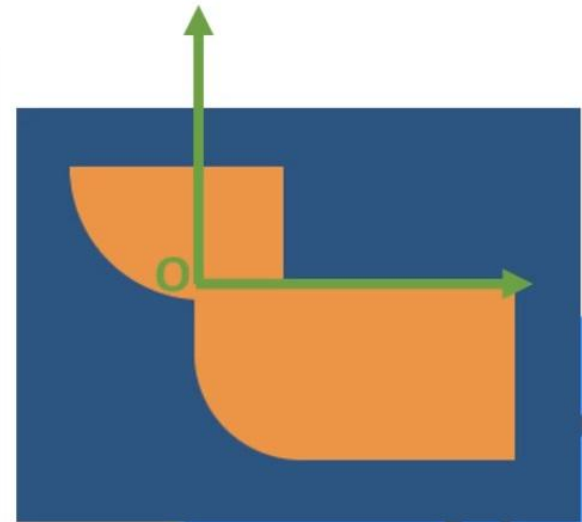
11

```
test5.html x style5.css x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>AnimalAnimation</title>
5   <link rel="stylesheet" type="text/css" href="style5.css">
6 </head>
7 <body>
8 <div class="dog">
9   <div class="head"></div>
10  <div class="leg1"></div>
11  <div class="leg2"></div>
12  <div class="leg3"></div>
13  <div class="leg4"></div>
14  <div class="ear"></div>
15  <div class="tail"></div>
16 </div>
17 </body>
18 </html>
```

Работа с CSS

12

```
.head  
{  
  background-color:#E3924A;  
  height: 75px;  
  width: 120px;  
  position: absolute;  
  top: -65px;  
  left: -70px;  
  border-radius: 0px 0px 0px 120px;  
}
```



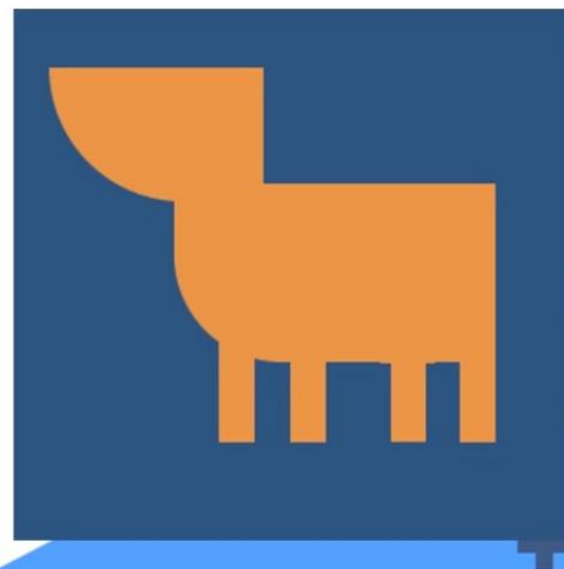
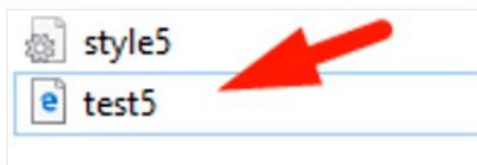
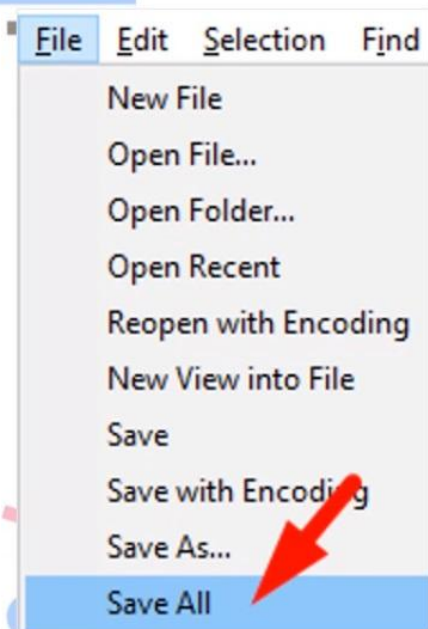
Работаем с CSS

13

```
test5.html x style5.css x
26
27 .leg1{
28     background-color:#E3924A;
29     height: 60px;
30     width: 20px;
31     position: absolute;
32     top: 85px;
33     left: 25px;
34 }
35
36 .leg2{
37     background-color:#E3924A;
38     height: 60px;
39     width: 20px;
40     position: absolute;
41     top: 85px;
42     left: 65px;
43 }
```

```
57 .leg3{
58     background-color:#E3924A;
59     height: 60px;
60     width: 20px;
61     position: absolute;
62     top: 85px;
63     left: 120px;
64 }
65
66
67 .leg4{
68     background-color:#E3924A;
69     height: 60px;
70     width: 20px;
71     position: absolute;
72     top: 85px;
73     left: 160px;
74 }
75
```

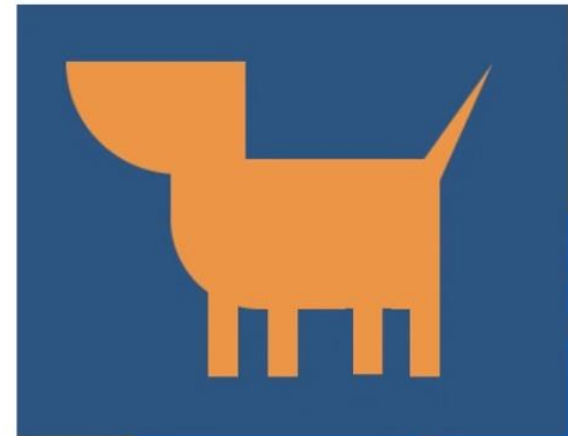
Открываем веб страницу



Работаем с CSS

15

```
64 .tail{  
65     width: 0px;  
66     height: 0px;  
67     border-left: 10px solid transparent;  
68     border-right: 10px solid transparent;  
69     border-bottom: 100px solid #E3924A;  
70     position: absolute;  
71     transform: rotate(30deg);  
72     left: 180px;  
73     top: -60px;  
74 }
```



Работаем с CSS

16

```
76 .ear{  
77     background-color: #856142;  
78     width: 45px;  
79     height: 90px;  
80     border-radius: 0px 0px 100px 100px;  
81     position: absolute;  
82     left: 10px;  
83     top: -65px;  
84 }  
85
```



Задание

17

Добавьте собачке глаза, носик, язык



Решение

```
8 <div class="dog">
9   <div class="head"></div>
10  <div class="leg1"></div>
11  <div class="leg2"></div>
12  <div class="leg3"></div>
13  <div class="leg4"></div>
14  <div class="ear"></div>
15  <div class="tail"></div>
16  <div class="eye"></div>
17  <div class="nose"></div>
18  <div class="tongue"></div>
19 </div>
20 </body>
21 </html>
```

Решение

```
85 .eye{
86   background-color: #000000;
87   height: 10px;
88   width: 10px;
89   border-radius:50%;
90   position: absolute;
91   top:-53px;
92   left: -15px;
93 }
94
95 .nose{
96   background-color: #000000;
97   height: 15px;
98   width: 15px;
99   border-radius:50%;
100  position: absolute;
101  top:-70px;
102  left: -75px;
103 }
```

```
105 .tongue {
106     background-color: #F65159;
107     width: 15px;
108     height: 30px;
109     border-radius: 0px 0px 100px 100px;
110     position: absolute;
111     left: -50px;
112     top:-15px;
113     transform: rotate(20deg);
114     z-index: -1;
115 }
```

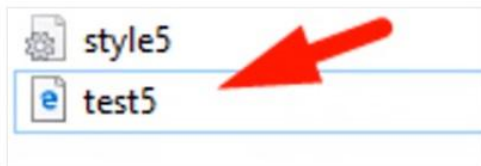
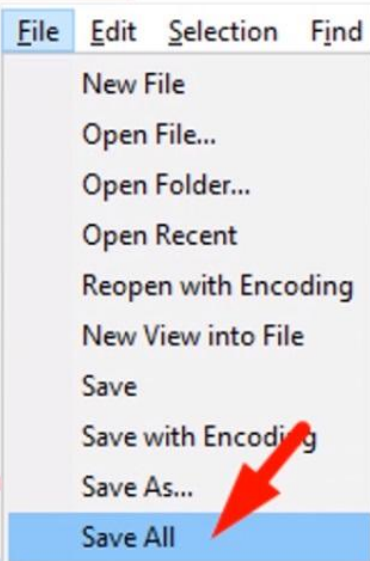
Работаем с CSS

```
64 .tail{
65     width: 0px;
66     height: 0px;
67     border-left: 10px solid transparent;
68     border-right: 10px solid transparent;
69     border-bottom: 100px solid #E3924A;
70     position: absolute;
71     transform: rotate(30deg);
72     left: 180px;
73     top: -60px;
74     animation-name: tailanim;
75     animation-iteration-count: infinite;
76     animation-duration: 1s;
77 }
78
79 @keyframes tailanim{
80     50%{
81
82         transform: rotate(40deg);
83     }
84 }
85 }
```

Работаем с CSS

```
116 .tongue {
117     background-color: #F65159;
118     width: 15px;
119     height: 30px;
120     border-radius: 0px 0px 100px 100px;
121     position: absolute;
122     left: -50px;
123     top: -15px;
124     transform: rotate(20deg);
125     z-index: -1;
126     animation-name: tongueanim;
127     animation-iteration-count: infinite;
128     animation-duration: 1s;
129 }
130 @keyframes tongueanim{
131     50%{
132
133         transform: translateY(-10px);
134     }
135 }
136 }
```

Открываем веб страницу



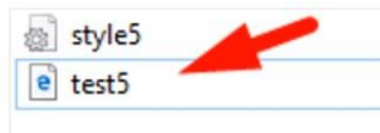
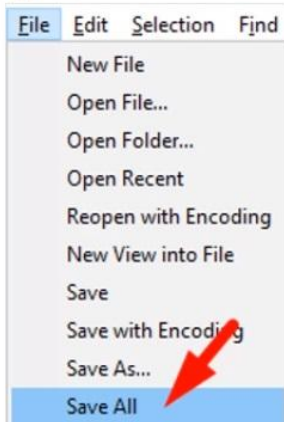
Работаем с CSS

23

```
145
146 @keyframes forward {
147
148     0%{
149         transform: translateX(1600px);
150     }
151     100%
152     {
153         transform: translateX(-400px);
154     }
155 }
156
```

```
7  .dog{
8  background-color:#E3924A;
9  position: relative;
10 height: 100px;
11 width: 180px;
12 top: 400px;
13 left: 200px;
14 border-radius: 0px 0px 0px 60px;
15
16 animation-name: forward;
17 animation-duration: 5s;
18 animation-iteration-count: infinite;
19 animation-timing-function: linear;
20 }
21
```

Открываем веб страницу



Задание

25

Добавьте анимацию бега для лап собачки



Решение

```
33 @keyframes leganim1{
34     50%{
35
36         transform: rotate(20deg);
37
38     }
39 }
40
41 @keyframes leganim2{
42     50%{
43
44         transform: rotate(-25deg);
45
46     }
47 }
```

Решение

```
50 .leg1{
51     background-color:#E3924A;
52     height: 60px;
53     width: 20px;
54     position: absolute;
55     top: 85px;
56     left: 25px;
57     animation-name: leganim1;
58     animation-duration: 0.5s;
59     animation-iteration-count:infinite;
60     animation-timing-function: linear;
61 }
62
63 .leg2{
64     background-color:#E3924A;
65     height: 60px;
66     width: 20px;
67     position: absolute;
68     top: 85px;
69     left: 65px;
70     animation-name: leganim2;
71     animation-duration: 0.5s;
72     animation-iteration-count:infinite;
73     animation-timing-function: linear;
74     animation-delay: 1s;
75 }
```

```
77 .leg3{
78     background-color:#E3924A;
79     height: 60px;
80     width: 20px;
81     position: absolute;
82     top: 85px;
83     left: 120px;
84     animation-name: leganim1;
85     animation-duration: 0.5s;
86     animation-iteration-count:infinite;
87     animation-timing-function: linear;
88     animation-delay: 0.8s;
89
90 }
91
92 .leg4{
93     background-color:#E3924A;
94     height: 60px;
95     width: 20px;
96     position: absolute;
97     top: 85px;
98     left: 160px;
99     animation-name: leganim2;
100    animation-duration: 0.5s;
101    animation-iteration-count:infinite;
102    animation-timing-function: linear;
103 }
```

Работаем с HTML

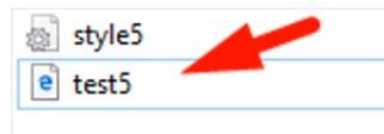
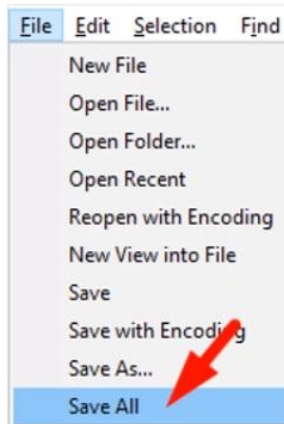
28

```
test5.html style5.css x
2 <html>
3 <head>
4   <title>AnimalAnimation</title>
5   <link rel="stylesheet" type="text/css" href="
   style5.css">
6 </head>
7 <body>
8 <div class="dog">
9   <div class="head"></div>
10  <div class="leg1"></div>
11  <div class="leg2"></div>
12  <div class="leg3"></div>
13  <div class="leg4"></div>
14  <div class="ear"></div>
15  <div class="tail"></div>
16  <div class="eye"></div>
17  <div class="nose"></div>
18  <div class="tongue"></div>
19 </div>
20
21 <div></div>
22 <div></div>
23 </body>
24 </html>
```

Работаем с CSS

```
191 .grassleft
192 {
193     position: absolute;
194     left: 0%;
195     top: 50%;
196     width: 55%;
197     height: 15%;
198 }
199 .grassright
200 {
201     position: absolute;
202     left: 50%;
203     top: 50%;
204     width: 55%;
205     height: 15%;
206 }
```

Открываем веб страницу



Задание

31

Добавьте солнышко и задайте ему любую, понравившуюся вам анимацию!



Решение

```
23  
24 <div class="round"></div>  
25
```

```
208 .round{  
209     position: absolute;  
210     width: 100px;  
211     height: 100px;  
212     border-radius: 50%;  
213     background-color: yellow;  
214     left: 1000px;  
215     top: 100px;  
216     animation-name: sun;  
217     animation-iteration-count: infinite;  
218     animation-duration: 1s;  
219     animation-timing-function: linear;  
220     animation-direction: alternate;  
221 }  
222  
223 @keyframes sun {  
224 0%{  
225     transform: translate(-150px,0px);  
226 }  
227 50%{  
228     transform: translate(0px,-60px);  
229 }  
230 100%{  
231     transform: translate(150px, 0px);  
232 }  
233 }
```


Домашнее задание

Нарисуйте новую собачку или любое другое животное, добавьте анимацию, проявите фантазию и креатив!





Все молодцы!