

HTML



CSS



HTML+CSS

Анимация животных
Урок 5



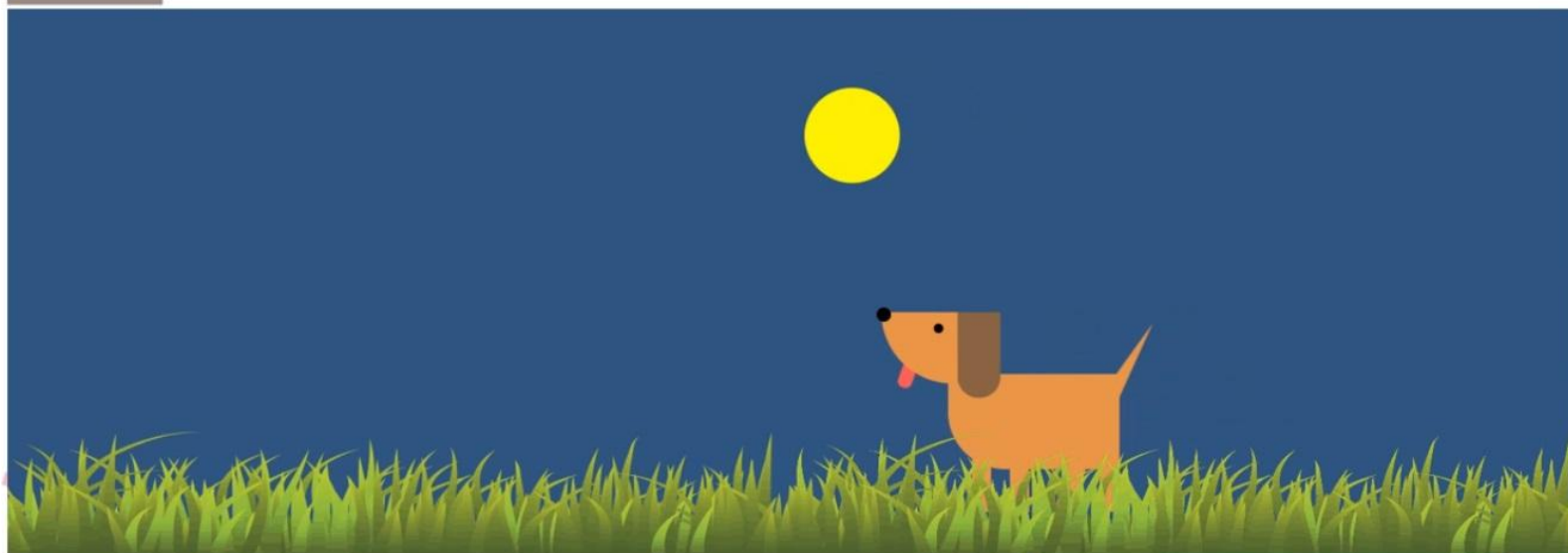
Проверка домашнего задания

2

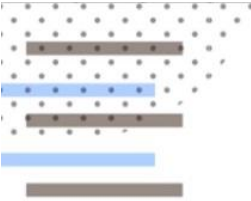


Что мы сегодня сделаем?

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Открываем Sublime Text 3



Sublime Text 3

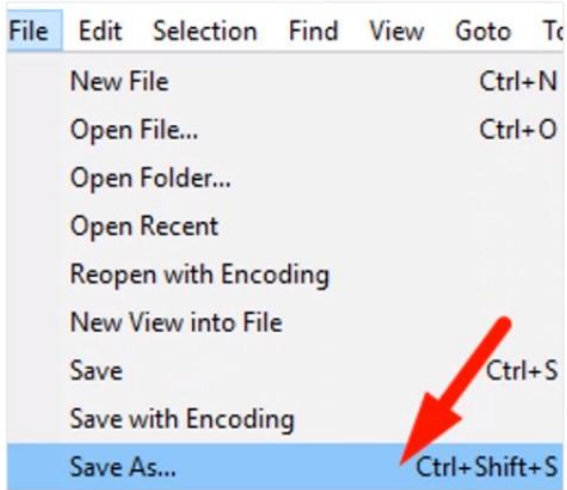
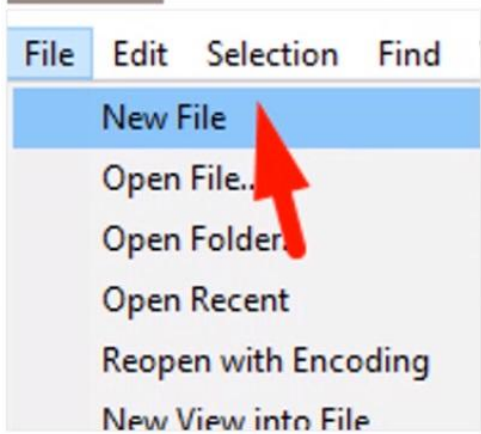
Приложения
Sublime Text 3

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

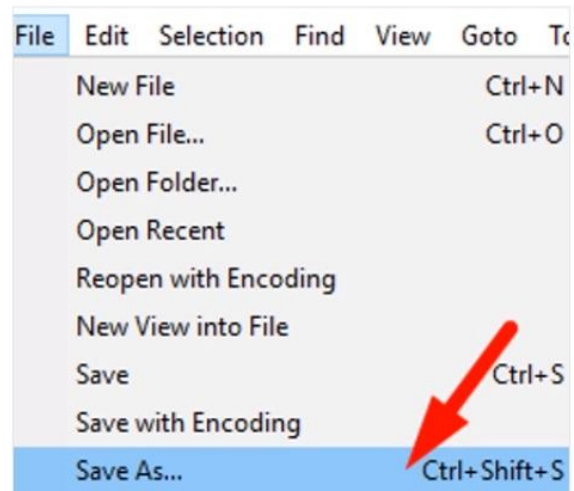
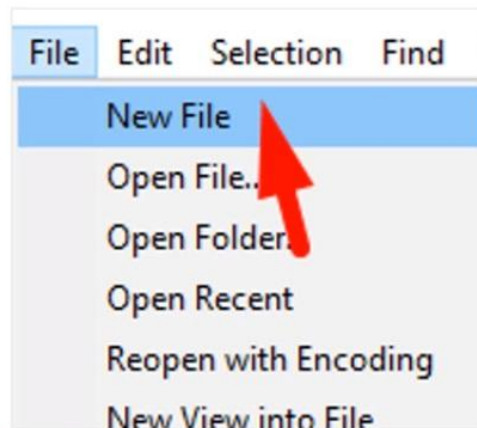


Урок 5

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)

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

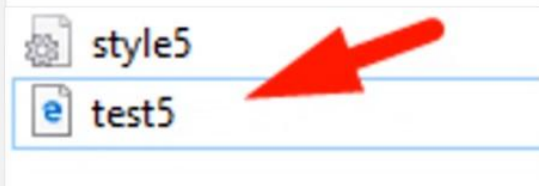
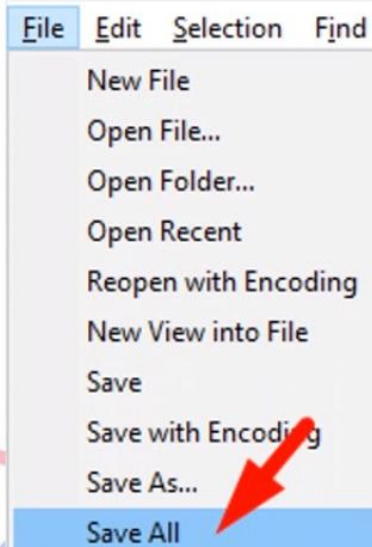
9

```
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

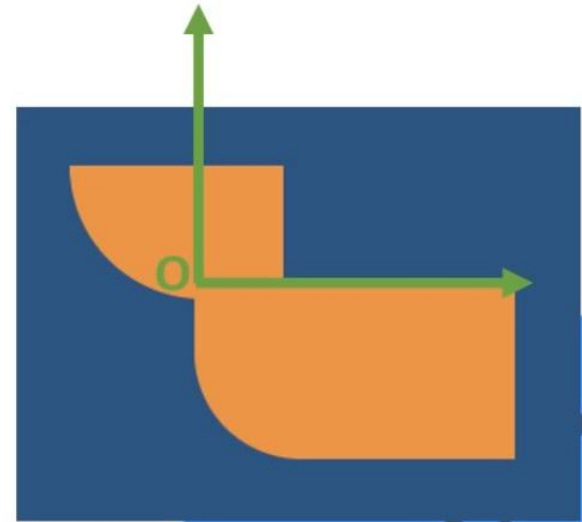
11

```
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;  
}
```



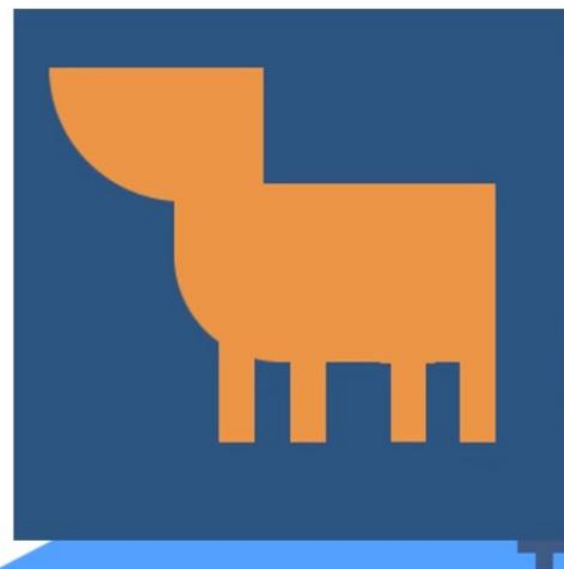
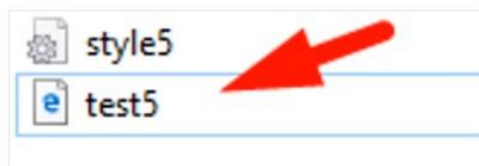
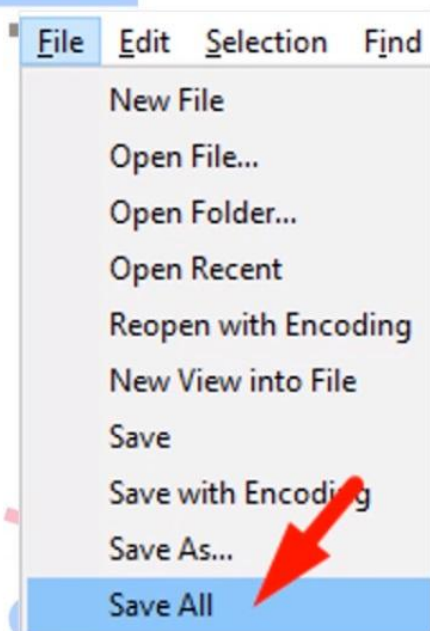
Работаем с CSS

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 }
```

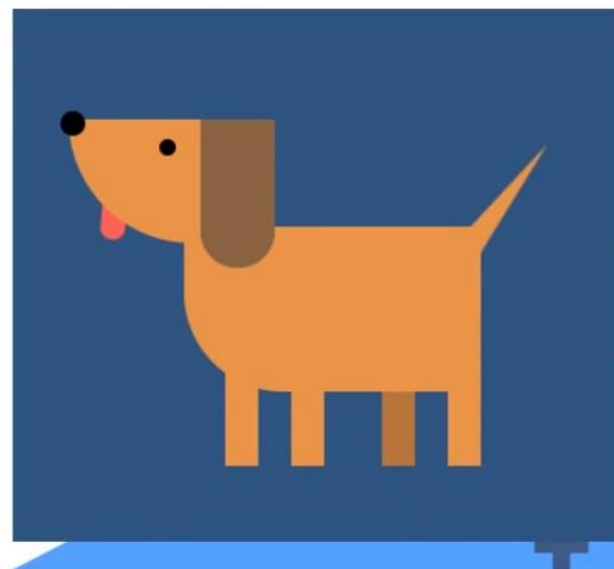
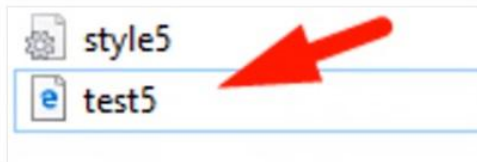
Работаем с CSS

```
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

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



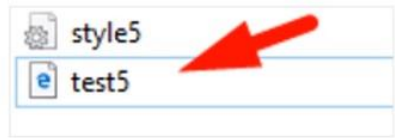
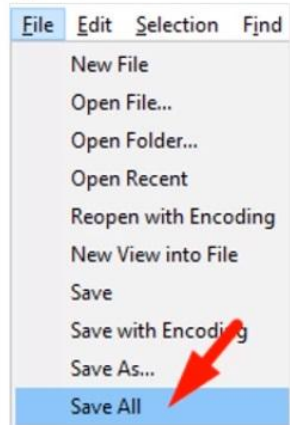
Работаем с CSS

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

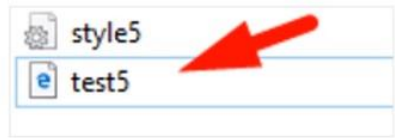
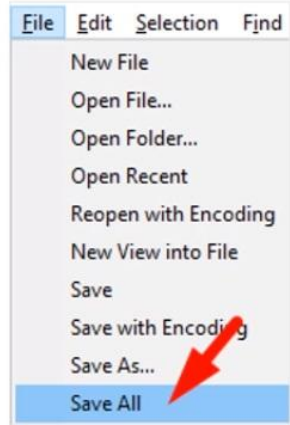
28

```
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!