Лекційне заняття №5

з навчальної дисципліни WEB-Дизайн

на тему:

Основи CSS

Форматування таблиць та форм

План заняття

1. Форматування таблиць
2. Форматування форм

Форматування таблиць

За допомогою текстового редактора в папці **lec_5/table** створюємо текстовий документ з назвою **table.html** з відповідним html-кодом:

```html
<!doctype html>
<html>
<head>
<meta charset="UTF-8">
<title>CSS: The Missing Manual</title>
<link href="css/main.css" rel="stylesheet">

</head>

<body>
          <h1>Welcome to the Lorem Ipsum Store</h1>
          <table class="inventory" width="100%">
                    <caption>
                              Table 1: Current Inventory
                    </caption>
                    <colgroup>
                              <col id="product">
                              <col id="price">
                              <col id="rating">
                    </colgroup>
```

```html
<tr>
<th scope="col">Product</th>
<th scope="col">Price</th>
<th scope="col">Rating</th>
</tr>
<tr>
<td> Vitae Quam Lorem</td>
<td>$19.95</td>
<td class="rating"><img src="images/star.png" width="16" height="16" alt="star"><img src="images/star.png" width="16" height="16" alt="star"><img src="images/star.png" width="16" height="16" alt="star"><img src="images/star.png" width="16" height="16" alt="star"><img src="images/star.png" width="16" height="16" alt="star"></td>
</tr>
```

```html
<tr>
          <td> In Tempus Velit</td>
          <td>$14.55</td>
          <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span></td>
</tr>
<tr>
          <td>Lorem Ipsum Dolor Sat</td>
          <td>Priceless</td>
          <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span>
          </td>
</tr>
```

```
<tr>
        <td>Quis Felis Fringilla</td>
        <td>$29.95</td>
        <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span></td>
</tr>
<tr>
        <td>Nunc Sem Pharetra</td>
        <td>$75.99</td>
        <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span>
        </td>
</tr>
```

```html
<tr>
        <td>Vel Faucibus Elit</td>
        <td>$82.00</td>
        <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span></td>
</tr>
<tr>
        <td> Non Adipiscing Vitae</td>
        <td>$1.95</td>
        <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span>
        </td>
</tr>
```

```html
                    <tr>
                        <td>Aenean Orci Ante</td>
                        <td>$17.95</td>
                        <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span></td>
                    </tr>
                    <tr>
                        <td>Venenatis Non Adipiscing</td>
                        <td>$44.00</td>
                        <td><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span><span class="rating"><img src="images/star.png" width="16" height="16" alt="star"></span></td>
                    </tr>
            </table>
</body>
</html>
```

- Створимо папку images з відповідними зображеннями star.jpg та underline.jpg
- Створимо папку ccs в якій сторимо файл main.css з наступним кодом:

```
/* reset browser styles */
html, body, div, span, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, big, cite, code, del, dfn, em, img, ins, kbd, q, s, samp,small, strike, strong, sub, sup, tt, var, b, u, i, center, dl, dt, dd, ol, ul, li, fieldset, form, label, legend,
table, caption, tbody, tfoot, thead, tr, th, td, article, aside, canvas, details, embed,
figure, figcaption, footer, header, hgroup, menu, nav, output, ruby, section, summary,
time, mark, audio, video {
        margin: 0;
        padding: 0;
        font-size: 100%;
        vertical-align: baseline;
}
```

```css
article, aside, details, figcaption, figure, footer, header, hgroup, menu, nav, section {display: block;}
body {line-height: 1.2;}
ol {
            padding-left: 1.4em;
            list-style: decimal;
}
ul {
            padding-left: 1.4em;
            list-style: square;
}

/* end reset browser styles */

body {
            width: 760px;
            margin: 0 auto;
            background-color: #FDFCD2;
}

h1 {
            font: italic normal 3em Baskerville, "Palatino Linotype", "Times New Roman", serif;
            color: #46874D;
            background: url(../images/underline.png) no-repeat 0px 88%;
            padding-left: 2px;
}
```

Рис.1 – Результуюча HTML-таблиця

Добавимо наступні css-стилі

```
.inventory {
font-family: "Trebuchet MS", Arial,
        Helvetica, sans-serif;
width: 100%;
margin-top: 25px;
}
```

```
.inventory caption {
text-align: right;
font-size: 0.85em;
margin-bottom: 10px;
}
```

```css
.inventory td, .inventory th {
  font-size: 1.1em;
  border: 1px solid #DDB575;
}
```

```css
.inventory {
  font-family: "Trebuchet MS", Arial,
Helvetica, sans-serif;
  width: 100%;
  margin-top: 25px;
  border-collapse: collapse;
}
```

Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

Product	Price	Rating
Vitae Quam Lorem	$19.95	★★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

Product	Price	Rating
Vitae Quam Lorem	$19.95	★★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

```css
.inventory td, .inventory th {
  font-size: 1.1em;
  border: 1px solid #DDB575;
  padding: 3px 7px 2px 7px;
}
```

```css
.inventory th {
  text-transform:uppercase;
  text-align: left;
  padding-top: 5px;
  padding-bottom: 4px;
}
```


Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

Product	Price	Rating
Vitae Quam Lorem	$19.95	★★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

PRODUCT	PRICE	RATING
Vitae Quam Lorem	$19.95	★★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

```css
.inventory th {
  text-transform:uppercase;
  text-align: left;
  padding-top: 5px;
  padding-bottom: 4px;
  background: rgb(229,76,16);
  background: -webkit-linear-gradient(rgb(229,76,16), rgb(173,54,8));
  background: -moz-linear-gradient(rgb(229,76,16), rgb(173,54,8));
  background: -o-linear-gradient(rgb(229,76,16), rgb(173,54,8));
  background: linear-gradient(rgb(229,76,16), rgb(173,54,8));
  color: white;
}
```

Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

PRODUCT	PRICE	RATING
Vitae Quam Lorem	$19.95	★★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

```css
.inventory tr:nth-of-type(even){
   background-color: rgba(255,255,255,.1);
}

.inventory tr:nth-of-type(odd){
   background-color: rgba(229,76,16,.1);
}
```

Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

PRODUCT	PRICE	RATING
Vitae Quam Lorem	$19.95	★★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

```
#price, #rating {
    width: 15%;
}
```

Welcome to the Lorem Ipsum Store

Table 1: Current Inventory

PRODUCT	PRICE	RATING
Vitae Quam Lorem	$19.95	★★★★
In Tempus Velit	$14.55	★★★
Lorem Ipsum Dolor Sat	Priceless	★★★★★
Quis Felis Fringilla	$29.95	★★
Nunc Sem Pharetra	$75.99	★★★
Vel Faucibus Elit	$82.00	★
Non Adipiscing Vitae	$1.95	★★★★
Aenean Orci Ante	$17.95	★★★★
Venenatis Non Adipiscing	$44.00	★★★★★

Форматування форми

За допомогою текстового редактора в папці **lec_5/form** створимо текстовий документ з назвою **form.html** з відповідним html-кодом:

```html
<!doctype html>
<html>
<head>
<meta charset="UTF-8">
<title>Subscribe to CosmoFarmer.com</title>
<link href="global.css" rel="stylesheet">
<style>

</style>
</head>
<body>
<h1>Reader Subscription Form</h1>
```

```html
<form class="subform"  method="post" action="submit.html">
        <p>
                <label for="name">What is your name?</label>
                <input type="text" name="name" id="name">
        </p>
        <p>
                <label for="email">What is your email address?</label>
                <input type="text" name="email" id="email">
        </p>
        <p>Rate your apartment farming skills
                <label>
                        <input name="skill" type="radio" value="novice">
                        Novice</label>
                <label>
                        <input name="skill" type="radio" value="intermediate">
                        Intermediate</label>
                <label>
                        <input name="skill" type="radio" value="advanced">
                        Advanced</label>
        </p>
```

```html
		<p>
			<label for="refer">Where did you hear about us? </label>
			<select name="refer" id="refer">
				<option value="null">Select One</option>
				<option value="1">Friend</option>
				<option value="2">Herban Jungle</option>
				<option value="3">Compost Today</option>
				<option value="4">Vanity Fair</option>
			</select>
		</p>
		<p>
			<label for="comments">Any additional comments? </label>
			<textarea name="comments" cols="35" rows="4"
id="comments"></textarea>
		</p>
		<p>
			<input type="submit" value="Subscribe">
		</p>
	</form>
</body>
</html>
```
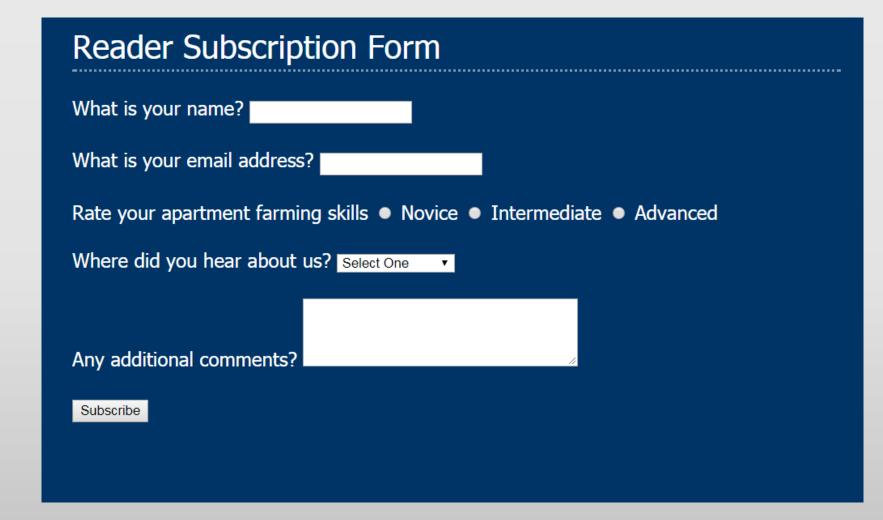
Створимо файл global.css з наступним кодом:

```css
/* reset browser styles */
html, body, div, span, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, big, cite,
code, del, dfn, em, img, ins, kbd, q, s, samp,small, strike, strong, sub, sup, tt, var, b, u, i, center, dl, dt, dd, ol, ul, li,
fieldset, form, label, legend,
table, caption, tbody, tfoot, thead, tr, th, td, article, aside, canvas, details, embed,
figure, figcaption, footer, header, hgroup, menu, nav, output, ruby, section, summary,
time, mark, audio, video {
        margin: 0;
        padding: 0;
        font-size: 100%;
        vertical-align: baseline;
}
article, aside, details, figcaption, figure, footer, header, hgroup, menu, nav, section {
        display: block;
}
body {
        line-height: 1.2;
}
ol {

        padding-left: 1.4em;
        list-style: decimal;

}
```
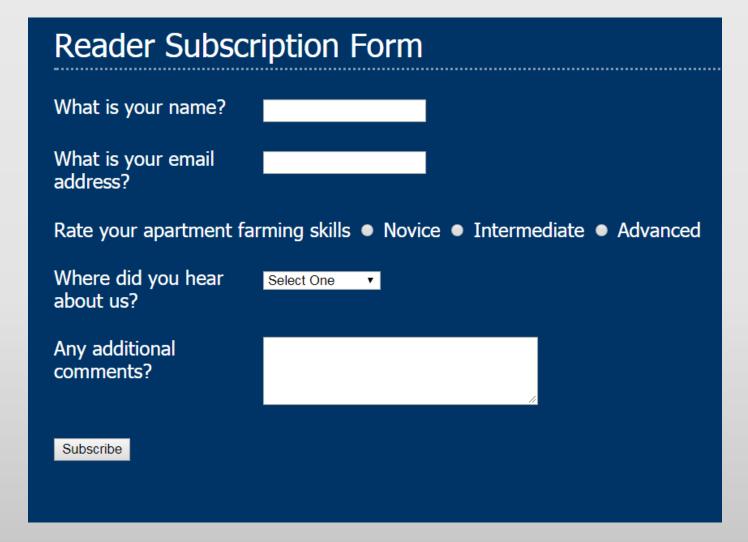
```css
ul {
        padding-left: 1.4em;
        list-style: square;
}

/* end reset browser styles */

body {
        width: 760px;
        margin: 0 auto;
        background-color: rgb(0,51,102);
        color: rgb(255,255,255);
}

h1 {
        font-size: 2em;
        font-family: Tahoma, Geneva, sans-serif;
        font-weight: normal;
        border-bottom: dotted 2px rgba(255,255,255,.5);
        padding-bottom: 4px;
        margin: 25px 0;
}

p {
        margin-bottom: 25px;
}
```

Рис.2 – Результуюча HTML-форма

Добавимо наступні css-стилі

```
.subform {
  font-size: 1.2em;
  color: white;
  font-family: Tahoma,
        Geneva, sans-serif;
}
```

```css
.subform .label {
  display: inline-block;
  width: 200px;
  vertical-align: top;
}
```

```html
<label for="name" class="label">

<label for="email" class="label">

<label for="refer" class="label">

<label for="comments" class="label">
```

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills ● Novice ● Intermediate ● Advanced

Where did you hear about us?   Select One ▼

Any additional comments?

Subscribe

****Rate your apartment farming skills****

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills   ● Novice   ● Intermediate   ● Advanced

Where did you hear about us?   Select One ▼

Any additional comments?

Subscribe

```css
.subform .label {
  display: inline-block;
  width: 200px;
  vertical-align: top;
  text-align: right;
  margin-right: 10px;
  font-weight: bold;
  color: rgba(255,255,255,.5);
}
```

```
.subform input[type="submit"] {
 margin-left: 220px;
}
```

```css
.subform input[type="submit"] {
 margin-left: 220px;
 padding: 10px 25px;
 font-size: 1em;
 color: white;
}
```


Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills ● Novice ● Intermediate ● Advanced

Where did you hear about us? Select One ▼
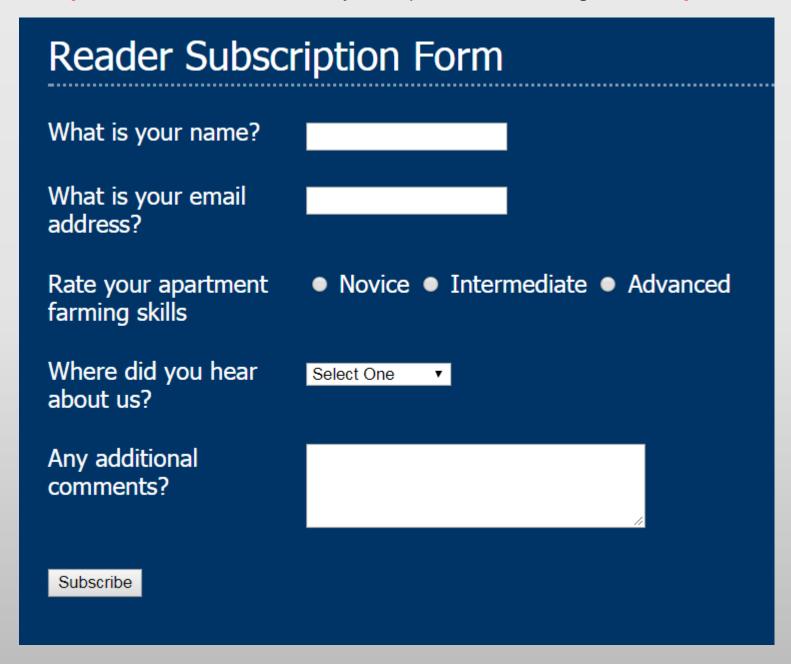
Any additional comments?

Subscribe

```css
.subform input[type="submit"] {
  margin-left: 220px;
  padding: 10px 25px;
  font-size: 1em;
  color: white;
  background: rgb(0,102,153);
  background:
-webkit-linear-gradient(rgba(255,255,255,.1) 40%,
rgba(255,255,255,.5));
  background:
-moz-linear-gradient(rgba(255,255,255,.1) 40%,
rgba(255,255,255,.5));
  background:
-o-linear-gradient(rgba(255,255,255,.1) 40%, rgba(255,255,255,.5));
  background:
linear-gradient(rgba(255,255,255,.1) 40%, rgba(255,255,255,.5));
}
```

Reader Subscription Form

What is your name? [   ]

What is your email address? [   ]

Rate your apartment farming skills ● Novice ● Intermediate ● Advanced

Where did you hear about us? Select One ▼

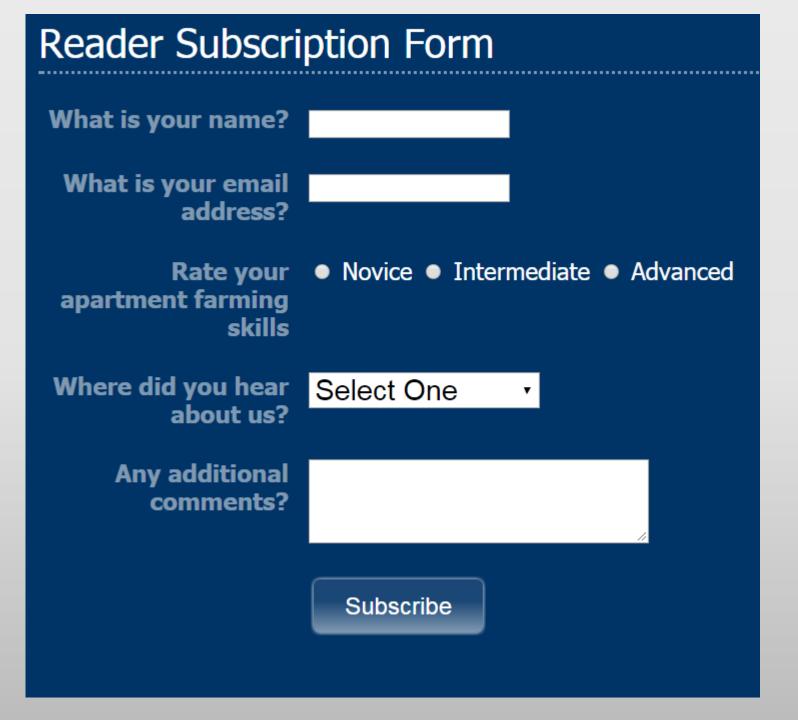**Any additional comments?** [   ]

Subscribe

```css
.subform input[type="submit"] {
  margin-left: 220px;
  padding: 10px 25px;
  font-size: 1em;
  color: white;
  background: rgb(0,102,153);
  background: -webkit-linear-gradient(rgba(255,255,255,.1) 40%,
rgba(255,255,255,.5));
  background: -moz-linear-gradient(rgba(255,255,255,.1) 40%,
rgba(255,255,255,.5));
  background: -o-linear-gradient(rgba(255,255,255,.1) 40%, rgba(255,255,255,.5));
  background: linear-gradient(rgba(255,255,255,.1) 40%, rgba(255,255,255,.5));
  border: none;
  border-radius: 5px;
  box-shadow: 0 0 4px white;
}
```

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills
● Novice ● Intermediate ● Advanced

Where did you hear about us?
Select One ▼

Any additional comments?

Subscribe

```css
.subform select {
        font-size: 1.2em;
}
```

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills ● Novice ● Intermediate ● Advanced

Where did you hear about us? Select One ▾

Any additional comments?

Subscribe

```css
.subform input[type="text"], .subform textarea {
        font-size: 1.2em;
        color: rgb(255,255,255,1);
        border-radius: 5px;
        border: none;
        background-color:
 rgba(255,255,255,.5);
        box-shadow:
inset 0 0 10px rgba(255,255,255,.75);
}
```

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills
● Novice ● Intermediate ● Advanced

Where did you hear about us?
Select One ▾

Any additional comments?

Subscribe

```
.subform input[type="text"], .subform textarea {
        font-size: 1.2em;
        color: rgb(255,255,255,1);
        border-radius: 5px;
        border: none;
        background-color:
 rgba(255,255,255,.5);
        box-shadow:
 inset 0 0 10px rgba(255,255,255,.75);
        width: 500px;
        padding: 5px;

}
```

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills
● Novice ● Intermediate ● Advanced

Where did you hear about us?
Select One ▾

Any additional comments?

Subscribe

```css
.subform input[type="text"]:focus, .subform textarea:focus {
  background-color: white;
  color: black;
}
```

Reader Subscription Form

What is your name?

What is your email address?

Rate your apartment farming skills
● Novice   ● Intermediate   ● Advanced

Where did you hear about us?

Select One ▼

Any additional comments?

Subscribe

Лекцію закінчено.
Дякую за увагу!