Styling and Validating Forms



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Overview



Applying styles to form elements
Using CSS selectors
Validating form inputs on the client
Using styles to reflect validity



Apply Styles to Form Elements



Input

Select

Text Area

FieldSet / Legend

Label

Button



Apply Styles to Specific Types

```
styles.css
```

```
input[type="email"]{
    background-color:purple;
    color:white;
}
```

Your email: matt@bethanyspies.com

Your phone: 555-555-1212

Apply Styles to Multiple Types

```
styles.css
```

```
input[type="email"], select{
    background-color:purple;
    color:white;
}
```

Your email: matt@bethanyspies.com

Stores
Web Store
Physical Store
Website Issue
General Feedback

Client Validation

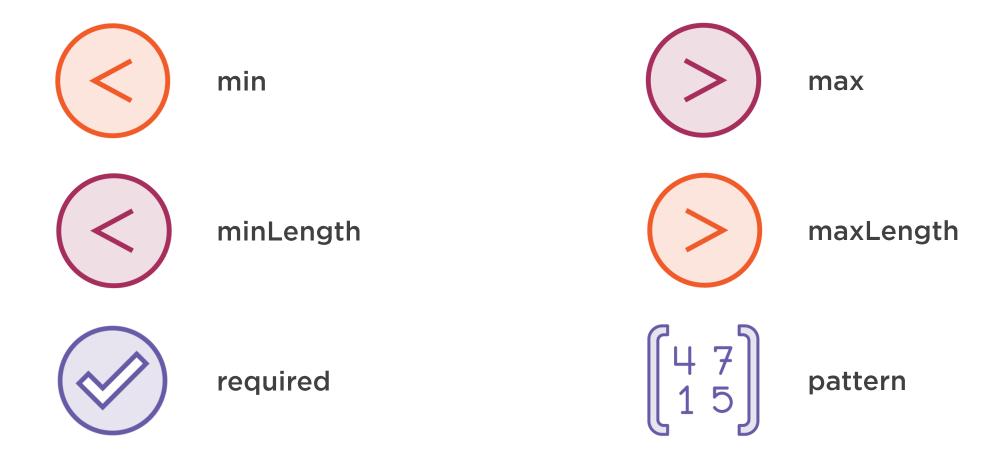
An attempt to ensure all data is entered correctly



All user-submitted data should be validated on the server.



Client Validation Attributes



Applying Styles Based on Validity

```
styles.css
input:valid{
    border-color:green;
input:invalid{
    border-color:red;
```

Summary



Using styles allows for customization
Validation on the client is helpful
Validation on the server is required
Styling can include validity of inputs



Course Summary



Understanding HTML Forms







Form Element

Input Elements

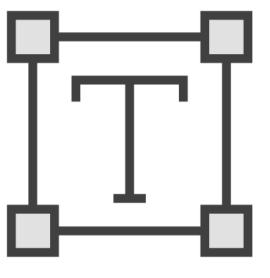
Submit Button



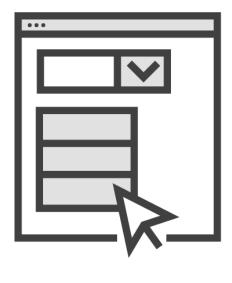
Basic Input Categories



Single Line Text



Multiple Line Text



Selection



Using Fieldset to Organize Your Inputs

Your name:	.			
Your email: [
Your phone:		○ Cell	$\bigcirc \operatorname{Work}$	\bigcircHome
Ok to conta	ct me: D by phone D b	v email		



Basic Form

Form with Fieldset



```
<label for="firstName">First Name:</label>
    <input type="text" id="firstName" />
```

Labels

Explicit reference by id



Applying Styles Based on Validity

```
styles.css
input:valid{
    border-color:green;
input:invalid{
    border-color:red;
```

Creating Forms in HTML

UNDERSTANDING HTML FORMS



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