



# Simple Forms

# Forms

- One place where you often see JavaScript is in form validation

**Personal Information:**

**Name**

**Email:**

**Birth**

[Click Here](#)

# Forms

- Forms add a new layer to the Request-Response Cycle



# Forms

- Forms are used to pass data
- Different input elements can be used
- Forms must have server with them

# Web Development

- Front end
  - What you are developing... What happens on the browser/client side
  - HTML, CSS, JavaScript
- Back end
  - What the server is handling
  - Python, Ruby, PHP, Perl, Java



# HTML Form Tags

<form>

<label>

<input>

```
<form>
```

```
  <label for='name'>Name</label>
```

```
  <input type='text' id = 'name' name = 'name'> <br/>
```

```
  <label>Email: <input type='email' name = 'email'></ label><br/>
```

```
  <label for='birth'>Birth</label>
```

```
  <input type='date' id = 'birth' value = 'birth'><br/>
```

```
  <input type = 'submit' value =“Click Here”>
```

```
</form>
```

**Personal Information:**

**Name**

**Email:**

**Birth**

[Click Here](#)

Chrome

**Personal Information:**

**Name**

**Email:**

**Birth**

[Click Here](#)

Firefox

# Form elements have attributes

- **type**
- **name**
- **id**



# Input Types

- textfield
- email
- password
- radiobutton
- checkbox
- submit

## More input types

- **number**
- **range**
- **color**
- **date**
- **url**



# Attributes

- name
  - Almost all input types should have a name attribute
  - The name attribute is assigned whatever value is input
- id
  - Used for labels
  - Used for by JavaScript



# Additional Attributes

- value
  - button: text inside the button
  - textfield: provides a default value
    - If not changed, will be the value passed to the server
- placeholder
  - Provides a suggestion
  - Not an “official” value

# Review

- HTML provided new tags for forms
- Make sure you can create a basic form before you try to add extra functions



# Acknowledgements/Contributions

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