



Form Basics

User Profile

In this exercise you are going to explore the use of text input elements and forms to create a simple user profile card.

Language Syntax

`trim()`

Task: Create a reference variable to the form element.

Give the form element a unique id attribute and use the `querySelector()` method to create a reference variable that points to the form element in the DOM. Follow best practices as you code?

```
const profileForm = document.querySelector("#profile-form");
console.log(profileForm)
```

Task: Add a Submit Event to the Form.

Use the reference variable created in the last step to add the event listener method to the form. The `addEventListener()` method takes two properties, the event type and an event handler function. Make sure to semantically name the event handler function.

```
const profileForm = document.querySelector("#profile-form");

profileForm.addEventListener("submit", onUpdateProfile);

function onUpdateProfile(e) {
    e.preventDefault();
    console.log(e.currentTarget)
}
```

Best Practice

Log the value `e.currentTarget` to the console. What do you think the value will be? Make sure that the console log doesn't appear and immediately disappear. Have you prevented the default behavior of the form elements submit event.



Task: Get Form Input Values

Inside the “{...}” curly braces of the event handler function create two reference variables one for the user profile first name and the other to hold the last name.

```
const profileForm = document.querySelector("#profile-form");

profileForm.addEventListener("submit", onUpdateProfile);

function onUpdateProfile(e) {
  e.preventDefault();
  const firstName = document.querySelector("#first-name").value.trim();
  const lastName = document.querySelector("#last-name").value.trim();
  console.log(firstName, lastName)
}
```

Best Practice

User trim() to remove any unwanted whitespace before and after the input elements value.

Best Practice

Log the reference variables to the console, are the values what you expect?.

Task: Format and Display the Profile Full Name

Create a reference variable to the output element using querySelector(). Set the text of the output element to be the union of the first and last names values retrieved from the input elements . Using template string literals format the string and add the concatenated text using the textContent property.

```
const profileForm = document.querySelector("#profile-form");

profileForm.addEventListener("submit", onUpdateProfile);

function onUpdateProfile(e) {
  e.preventDefault();
  const firstName = document.querySelector("#first-name").value.trim();
  const lastName = document.querySelector("#last-name").value.trim();
  const fullNameDisplay = document.querySelector("#full-name");
  fullNameDisplay.textContent = `${firstName} ${lastName}`;
}
```