Form Fields: Choice Elements

In this lesson, you will learn about elements that come in handy to represent data on a web page which requires choosing an option.

WE'LL COVER THE FOLLOWING ^

- Checkboxes
- Radio-Buttons
- Dropdown Lists

You often see form elements that allow users to make a choice among multiple possibilities. A change event will be kicked off once a user changes their choice.

Checkboxes

You can add checkboxes to your HTML form by using the tag <input type="checkbox">.

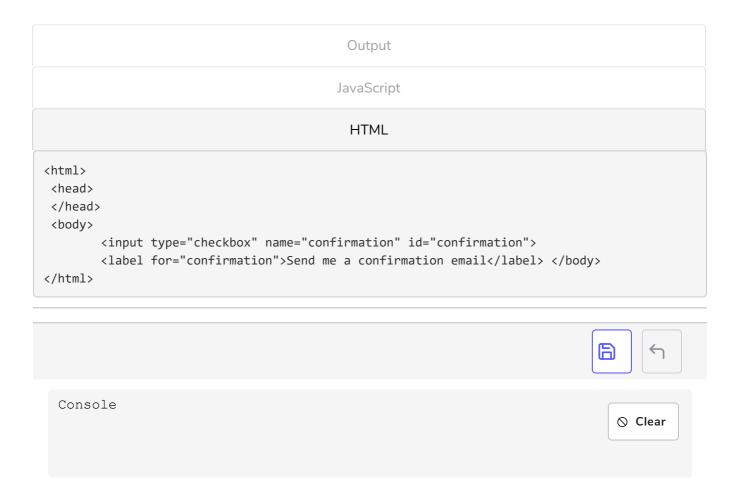
Here's the code from the example form that offers a user the choice to receive a confirmation email (or not).





Whenever the box is checked or unchecked by the user, a change event is kicked off. The Event object associated to this event has a checked boolean property that gives the new state of the field (checked or not checked).

The below code handles the **change** event on the checkbox to show a message in the console.



Radio-Buttons

Radio buttons allow users to make a choice out of multiple possibilities. You create radio buttons with <input type="radio"> tags, which have the same name attribute and different value attributes.

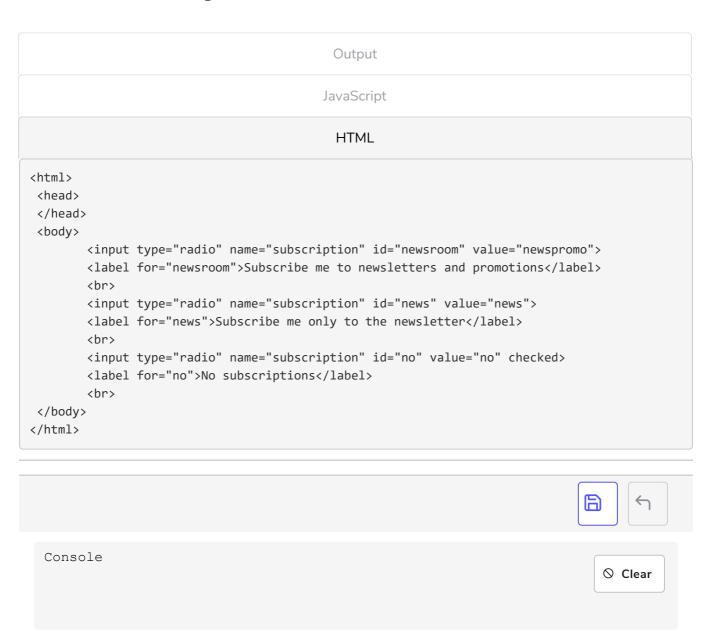
Here's the extract from the example form that lets a user select between three radio buttons, each representing a subscription option.

```
Output

HTML

<html>
<head>
</head>
```

The following JavaScript code adds a message to the console when the radio button selection changes.

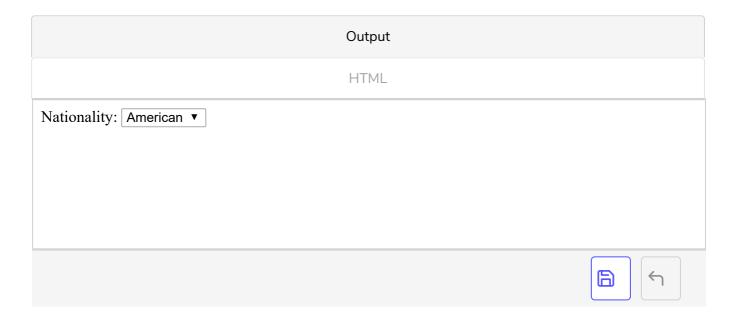


The target.value property of the change event matches the value attribute of the newly selected <input> tag.

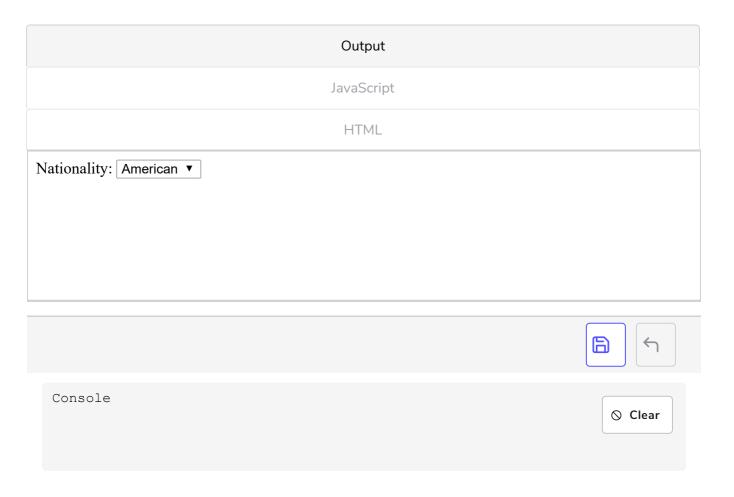
Dropdown Lists

A dropdown list is created using the <select> tag (for the menu overall) in which you can add <option> tags for possible choices.

Here's the code extract from above that lets users choose a nationality:



The following code uses the **change** event triggered on the dropdown list to show the new choice made by the user.



Like with radio buttons, the target.value property of the change event

choice – not the text shown in the dropdown list!