

Filtering Data}

Client Site Web

Filtering Data

- { Switch Statements
- { Switch Creation
- { Drop Down Selection Menu
- { Targeting Values

Switch Statements



Switch Statements

- { What are they?
- { Why use them?
- { Create a switch statement

What are they? }

A switch statement is like multiple choice for conditionals.

Why use them? }

When true or false is not enough

Creation}

Create a switch statement



Switch Creation

Create a Switch Statement

- { Set up the switch
- { Set up the case
- { Set up multiple cases
- { Default case

Set up the Switch

```
switch( ) {  
}
```

Set up the Switch

```
switch(variableInfo) {  
}
```

Set up the Case

```
switch(variableInfo){  
    case "bob":  
        alert("bob was here")  
        break;  
}
```

Set up the Case

variableInfo = "bob"

```
switch(variableInfo) {  
  case "bob":  
    alert("bob was here")  
    break;  
}
```

Set up the Case

variableInfo = "bob"

```
switch(variableInfo) {
```

```
  case "bob":
```

```
    alert("bob was here")
```

```
    break;
```

```
}
```

case

Set up the Case

variableInfo = "bob"

```
switch(variableInfo) {
```

```
  case "bob":
```

```
    alert("bob was here")
```

```
    break;
```

```
}
```

variableInfo does
equal bob

case

Set up the Case

variableInfo = "bob"

```
switch(variableInfo) {
```

```
  case "bob":  
    alert("bob was here")  
    break;
```

```
}
```

variableInfo does
equal bob

run alert command

case

Set up the Multiple Cases

```
switch(variableInfo){  
    case "bob":  
        alert("bob was here");  
        break;  
  
    case "sam":  
        alert("sam was here");  
        break;  
  
}
```

Default Case

```
switch(variableInfo){  
  
    case "bob":  
        alert("bob was here");  
        break;  
  
    case "sam":  
        alert("same was here")  
        break;  
  
    default:  
        alert("same was here")  
        break;  
  
}
```



Drop Down Selection Menu

Drop Down Selection Menu

```
<form>
```

```
</form>
```

Drop Down Selection Menu

`<form>`

**Start off with a
regular form**

`</form>`

Drop Down Selection Menu

```
<form>  
  <select>  
  
  </select>  
</form>
```

Drop Down Selection Menu

```
<form>
```

```
  <select>
```

```
  </select>
```

```
</form>
```

Add a Select Tag

Drop Down Selection Menu

```
<form>  
  <select>  
    <option>Pittsburgh</option>  
  </select>  
</form>
```

Drop Down Selection Menu

```
<form>  
  <select>  
    <option>Pittsburgh</option>  
  </select>  
</form>
```

Add an option tag

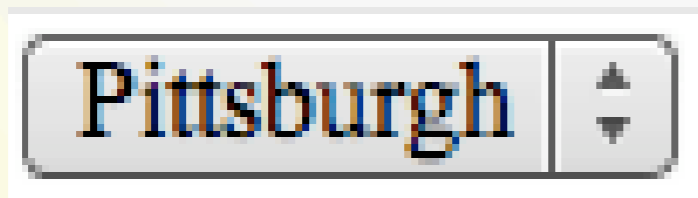
Drop Down Selection Menu

```
<form>  
  <select>  
    <option>Pittsburgh</option>  
  </select>  
</form>
```

**The information
inside the option tag
is the selectable item**

Drop Down Selection Menu

```
<form>  
  <select>  
    <option>Pittsburgh</option>  
  </select>  
</form>
```



**The information
inside the option tag
is the selectable item**

Although “Pittsburgh” shows up in the menu. That option does not have a value.

Drop Down Selection Menu

```
<form>  
  <select>  
    <option value="Pittsburgh">  
      Pittsburgh  
    </option>  
  </select>  
</form>
```

Drop Down Selection Menu

```
<form>  
  <select>  
    <option value="Pittsburgh">  
      Pittsburgh  
    </option>  
  </select>  
</form>
```

**The value has been
set to Pittsburgh**

Drop Down Selection Menu

```
<form>  
  <select>  
    <option value="Pittsburgh">  
      Pittsburgh  
    </option>  
  </select>  
</form>
```

**The value has been
set to Pittsburgh**



Targeting Values



Targeting Values

Targeting Values

**this form is
called fName**

Targeting Values

document

**It's in a form
called
myForm**

Targeting Values

`document.myForm`

Targeting Values

`document.myForm.fName`

Targeting Values

```
document.myForm.fName.value
```

**we are
targeting
the value**

Targeting the drop down menu is the same concept. But instead of targeting each option we will target the name in the selection tag.

Drop Down Selection Menu


```
<form name="myForm">  
  <select name="city">  
    <option value="Pittsburgh">  
      Pittsburgh  
    </option>  
  </select>  
</form>
```

Drop Down Selection Menu

```
<form name="myForm">  
  <select name="city">  
    <option value="Pittsburgh">  
      Pittsburgh  
    </option>  
  </select>  
</form>
```


**Note Both the form
and the selection
have a name**

Targeting Values

Targeting Values

document.

Targeting Values

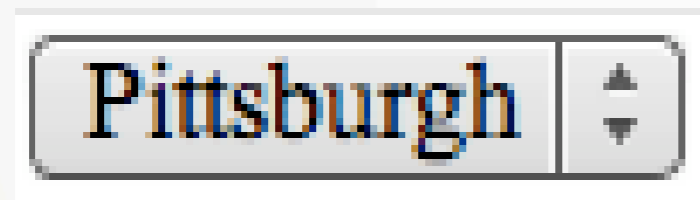
`document.myForm`

Targeting Values

`document.myForm.city`

Targeting Values

```
document.myForm.city.value
```

A screenshot of a web browser showing a dropdown menu. The menu is currently open, and the word "Pittsburgh" is selected and displayed in the main text area of the dropdown. To the right of the text is a small arrow icon pointing up and down, indicating the dropdown functionality.

The value will be the selected option