

Checking boxes

An HTML form can provide a visual checkbox “on/off” switch that the user can toggle to include or exclude its associated data for submission to the web server. The Python script nominated to handle the form data can test whether each checkbox has been checked, simply by testing if a value has been received from the checkbox of that name.



check.html

- 1 Create a new HTML document containing a form with three checkboxes with associated values, and a submit button to post only checked values to a Python script

```
<!DOCTYPE HTML>
<html lang="en">
<head> <meta charset="UTF-8">
<title>Checkbox Example</title> </head>
<body>
<form method="POST" action="check.py">
Sailing:
<input type="checkbox" name="sail" value="Sailing">
Walking:
<input type="checkbox" name="walk" value="Walking">
Ski-ing:
<input type="checkbox" name="skee" value="Ski-ing">
<input type="submit" value="Submit">
</form>
</body>
</html>
```



check.py

- 2 Next, start a new Python script by making CGI handling features available and create a FieldStorage data object

```
import cgi
data = cgi.FieldStorage()
```
- 3 Now, assign a list of checked box values as elements of an unordered HTML list to a variable

```
list = '<ul>'

if data.getvalue( 'sail' ) :
    list += '<li>' + data.getvalue( 'sail' )

if data.getvalue( 'walk' ) :
    list += '<li>' + data.getvalue( 'walk' )

if data.getvalue( 'skee' ) :
    list += '<li>' + data.getvalue( 'skee' )

list += '</ul>'
```