

CPSC 1045 : Worksheet Events

As always, please submit worksheet answers in a text file.

- 1) What is an event on a HTML page?
- 2) On which HTML tag should do we place the **onload** attribute?
- 3) How do you add an event handler to a button? What is one of the attributes you can use?
- 4) When writing event driven programs, all your code should be in function. How do these function share information with each other.
- 5) In the example below, what is displayed inside the button and what happens when the button is pressed? Why does **count** need to be a global variable?

HTML

```
<!DOCTYPE html>
<head>
  <title>Lonely button example</title>
</head>
<body onload="setup()">
  <input id="button1" type="button" value="button1"
    onclick="buttonHandler()">
  <div id="output"></div>
  <script src = "buttonExample.js"></script>
</body>
```

buttonExample.js

```
var count;
function buttonHandler(){
  "use strict";
  count += 1;
  var output = document.getElementById("output");
  output.innerHTML = "You pressed the button " +
    count + " times.";
}
function setup(){
  "use strict";
  count = 0;
}
```

- 6) Write a simple web-app, that has a button, input text field on the page and output div. When the user clicks the button, put the reverse of whatever the user has in the input text field into the output div.