



# Code Placement

## Where To Place the Code

- Now that you are going to start to write your own functions, it is easier to separate code from content
- JavaScript code can be placed in the body, head, or in an external file

## In the head

- When JavaScript functions are declared in the head section they are separated from the content
- Use the script tag
- Have access to all of the document information (ids, classes, etc.)

# Code can be placed in the <head>

```
<head>
  <script>
    function message(){
      alert("This alert box was called with the onload event");
    }
  </script>
</head>
<body>
  <h1>Functions</h1>
  <script>
    message();
  </script>
</body>
```

## In an External File

- When JavaScript functions are in a separate file it is possible to reuse the code in multiple files
- Don't use the script tag

## In an External File

```
<head>
  <script src="js/two-external.js"></script>
</head>
<body>
  <h1>Functions</h1>
  <script>
    message();
  </script>
</body>
```



# Debugging Your Code

- As your code becomes more complex, make sure that you are using your debugger
- The console is your friend!!

## CodePen

- If you work on your code on an online editor (e.g. CodePen) the software lets you separate HTML, CSS, and JavaScript without any links



## Review

- JavaScript can appear in the head or body of your code
- Code can also be placed in an external js file
- Personally, development done in head and moved to external after testing

# Acknowledgements/Contributions

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Initial Development: Colleen van Lent , University of Michigan School of Information

