

Lab 9: JavaScript Greeting Script

This simple external JavaScript will print different data onto the page based on the time of the day.

Open the index page to your portfolio.

```
<div id="content">
  <h2>John C. McGarvey</h2>
  <p class="intro"><script src="js/lab9_js_greetings.js" type="text/javascript"></script>
```

Create a new external js file and name it lab9_js_greeting.js. Open the index.html page in your portfolio. Within the first intro paragraph inside the div with the id content, create scripts tags that link to this external javascript.

Code:

```
<script src="js/lab9_js_greetings.js" type="text/javascript"></script>
```

Get the Current Hour

```
// JavaScript Document
var now = new Date();
var hr = now.getHours();
```

Create a variable called now that stores a new date() object. Then use the getHours() method to get the current hour and store it in the variable hr.

Code:

```
var now = new Date();
var hr = now.getHours();
```

Based on the Hour of the Date Print a Statement to the Page

Use a series of if statements to evaluate the hour of the day, and then print the appropriate document.write statement to the page.

Code:

```
if (hr >= 18)
{
  document.write("Good evening, ");
}
if (hr >= 12 && hr < 18)
{
```

```
    document.write("Good afternoon, ");  
}  
if (hr < 12)  
{  
    document.write("Good morning, ");  
}
```

Results of the Code

John C. McGarvey

Good afternoon, I hope you are as excited to take this class as I am to teach it. I am a full time high school teacher which means I choose to hang around teenagers all day. I must be crazy! I love what I do. I teach computer design courses at Bonita High School.

I am also recently completed my dissertation, in educational leadership with an emphasis on technology. My research interests are on adolescent literacy practices and identity formation in school and out-of-school online communities.

The screenshot above was taken at 4:00 in the afternoon and it printed "Good afternoon, " to the page.

Complete Code:

```
// JavaScript Document  
var now = new Date();  
var hr = now.getHours();  
  
if (hr >= 18)  
{  
    document.write("Good evening, ");  
}  
if (hr >= 12 && hr < 18)  
{  
    document.write("Good afternoon, ");  
}  
if (hr < 12)  
{  
    document.write("Good morning, ");  
}
```