CSCE 102 Honors — **fun with Loops**

## General information

* **Watch the Loop Videos before you start**
* This is fairly short so shouldn’t take you too long.
* Read the entire assignment before you start.
* Always maintain backup copies of your work.
* Remember the Lab Monitors are there to help you.
* **You can use a loop in your project**

## Loops*xx*.html

**Insert an h1** that says ***Playing with loops!*** In the body.

**Type in the code given below from A, and B into a script element in the** bodybelow the **h1**.  **Run the code and insert comments that answer the questions. (Don’t copy/paste code from a Word document)**

1. **For loop**

How many times does the following loop execute?

for (a = 0; a < 11; a = a+1)

{

document.write (“Go Gamecocks!!<br>”);

}

1. **While Loop**

What is written to the document by the following loop?

var k = 20;

while (k >= 5)

{

document.write (k + “ <br>”);

k = k - 2;

}

1. **Do While Loop**

**Type** this code into **a script element in the head element** and explain how the following code works in a comment.

do

{

var AccessDog = prompt(“Enter your access code here:”, “Access Code”);

}

while (AccessDog != “I got the A!”)

* **Below those loops add two more loops:**

Write the code for a **while** **loop** that outputs these values:

0 5 10 15 20 25 30

Write the code using a **for** **loop** that outputs:

2 4 6 8 10 and adds the values together.

And **after** the loop, write the sum of the values that was calculated in the loop to the screen using document.write.