CSCE 102 Last Lab— Loops

## General information

* Read the entire assignment before you start.
* Always maintain backup copies of your work, and work on the X drive during lab.
* Never share your password or memory stick with anyone. Maintain the standards of academic honesty discussed in lecture and in previous labs. The work you turn in must be your work.

### Lab objectives

* Practice loops

## Part I — Writing loops

1. Create lab14*xx*.html in the editor and save it in your **All\_Submittions** folder.
2. In a comment in the head answer the following questions:

* How many times does the following loop execute and why?

for( var i = 0; i < 10; i++ )

{

//loop body

}

* What is written to the document by the following loop?

var k = 12;

while( k >= 7 )

{

document.write( k + "th item, " );

k = k - 1;

}

* Explain how the following code works.

do

{

response = prompt(“enter password:”, “”);

}

while( response != “gamecocks”)

1. In a script element in the body give the JavaScript code for the following:
2. A **for loop** that loops 7 times and prints out: 0 1 2 3 4 5 6.
3. A **while loop** that loops 7 times and prints out: 2 4 6 8 10 12 14.
   1. **Hint**: you can increment your iterator by more than just 1.
4. A **do while loop** that loops 6 times and outputs: 1 2 3 4 5 6.
5. When you have finished the code and verified that the output is correct show your lab instructor and be certain that it is on your X drive. Do not print.
6. and anand be certain that it is on your X drive. You will not turn in a printed copy for this lab.andand