# JavaScript Homework #4 - Functions

These are related to JavaScript functions:

Discuss possible ways to write a function isInteger(x) that determines if x is an integer.

Write a sum function which will work properly when invoked using either syntax below.

console.log(sum(2,3)); // Outputs 5

console.log(sum(2)(3)); // Outputs 5

What will the following code output to the console:

console.log((function f(n){return ((n > 1) ? n \* f(n-1) : n)})(10));

Explain your answer.

Consider the code snippet below. What will the console output be and why?

(function(x) {

return (function(y) {

console.log(x);

})(2)

})(1);