

COSC 251 – Programming Languages

Project 3

Spring 2011

Objective: Implement two simple operations in Ook!.

Your Task: In Ook!, develop two operations that you know very well: summation and factorial. For each, you should get a number from the user (0-9) and calculate the appropriate value. For summation, this is adding from 1 to the number (for instance, $1+2+3+4$) and an input of 0 should result in a 0. For factorial, this is the same as summation, but multiplication instead of addition.

Deliverables: the sources for the two Ook! functions.

Expectations: The code should be clean, concise, and correct. If you use an outside source, be sure to document that source. Significant use of outside sources will result in a deduction. **You are required to work in pairs on this project.**

Rubric: The rubric for this project is simple: each operation is worth 50 points. If the source does not run through the interpreter, that will result in a 40 point deduction. If your operation does not compute the correct result, but does interpret, it will result in a maximum 35 point deduction. Note that empty sources or sources that don't represent a good faith attempt at the operation will result in a 50 point deduction.

DUE: April 4th, 11:59pm via Digital Dropbox