

Worksheet #2

CS 1405

Instructor: Garth O. Sorenson

Name: _____

Score: _____

1. Why is a variable called “variable”?

2. Apply the Design Process to the following problem:

Goofy and Sons Inc. wants a program to calculate the sum and difference of two integers.

a. Identify the purpose, any input, processing, and the output of the program.

1. Purpose:

2. Input:

3. Processing:

4. Output:

b. Show what the computer screen might look like when the program runs.

c. Write an algorithm (not a program) that solves the problem.