**Siena College’s 33rd Annual** **High School Programming Contest**

**Sponsored by Transfinder**

**June 2, 2021**

###### **Green Problem #1:  The Force is Strong with this one…**

Background Information:

 Newton’s Second Law of Motion states that Force is equal to the Mass of an object times its Acceleration.  It may seem a bit ridiculous to write a program for this calculation because you would normally use a basic calculator. However, it’s possible that a physics software library would include such a simple program for completeness of the library.

For the contest, your program will be given two integers, a positive integer M representing mass, and an integer A representing acceleration.  Your program will output the force value F, which will be the product of M and A.

Programming Problem:

Input:  A positive integer M and another integer A, each on a separate line.

Output: The corresponding force value, F.

Example 1: Input:

6

2

Output:

12

Example 2: Input:

5

-3

Output:

-15