**ANKARA UNIVERSITY**

**COM101B**

**Fall 2017-18 Term**

**LAB1**

**Date: 06/10/2017 Group 1**

**Duration: 40 minutes**

Write a C program which computes the Kinetic Energy (K) of an object. The formula is given below:

So, the Kinetic Energy ( ) is proportional to the mass (m) and the squarred velocity ( of the object. Compute and print the resultant value 2 digit precision after the decimal point (See the Hint below).

**I/O Format:**

**Input/Output source:** Console (standard input/output)

**Input format:** <mass> <velocity>

**Output format:**<K>\n

**Hint:** %.2f format specifier prints 2 digit precision for floating point numbers

|  |  |
| --- | --- |
| **Sample Input** | **Sample Output** |
| 52.4 20 | 10480.00 |
| 86.5 15 | 9731.25 |

Please, PAY ATTENTION TO THE I/O FORMAT!

**Submission Files:**

Submit only your.c file. Your file should be renamed as: **StudentNumber.c**

Example: Assume that your student number is 11290001. Then the file will be renamed as: **11290001.c**