

**Engr 123**  
**Assignment 2**  
**Pythagorean Triplet**

**January 17, 2018**  
**Due: January 24, 2018**

A Pythagorean triplet is a set of three integers greater than zero such that  $a < b < c$ , for which,  $a^2 + b^2 = c^2$ . For example,  $3^2 + 4^2 = 9 + 16 = 25 = 5^2$ . There exists exactly one Pythagorean triplet for which  $a + b + c = 1000$ .

Write a console application in C# which will print the Pythagorean triplet with appropriate comments.

After you get your program running correctly, right click on the *project folder* and choose Send To → Compressed zip file. Rename the compressed zip file as Asn02XXX.zip where XXX are you three initials. Upload the renamed file to <\\cecsfp01\users\everyone\engr123>.