## Comp. Anal. Of Phys. Sys.

## Quiz 10

(https://projecteuler.net/)



## **Project Euler Problem 1:**

If we list all the natural numbers below 10 that are multiples of 3 or 5, we get 3, 5, 6 and 9. The sum of these multiples is 23.

Find the sum of all the multiples of 3 or 5 below 1000.

## **Project Euler Problem 2:**

Each new term in the Fibonacci sequence is generated by adding the previous two terms. By starting with 1 and 2, the first 10 terms will be:

By considering the terms in the Fibonacci sequence whose values do not exceed four million, find the sum of the even-valued terms.