**C Programming Assignment #003**

Date: Rabu, 30 September 2015

PT. Bahasa Kinerja Utama

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1. Write a program to print the numbers between 1 and 10, along with an indication of whether each is even or odd, like this:

1 is odd

2 is even

3 is odd

...

(Hint: use the % operator.)

1. Write a program to print the first 7 positive integers and their factorials. (The factorial of 1 is 1, the factorial of 2 is 1 \* 2 = 2, the factorial of 3 is 1 \* 2 \* 3 = 6, the factorial of 4 is 1 \* 2 \* 3 \* 4 = 24, etc.)
2. Write a program to print the first 10 Fibonacci numbers. Each Fibonacci number is the sum of the two preceding ones. The sequence starts out 0, 1, 1, 2, 3, 5, 8, ...

In mathematical terms, the sequence Fn of Fibonacci numbers is defined by the recurrence relation

F_n = F_{n-1} + F_{n-2},\!\,

with seed values

F_0 = 0,\; F_1 = 1.