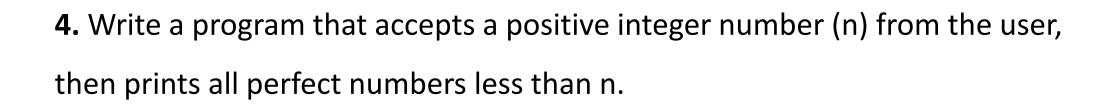
Introduction to programming

Lab 4

- **1.** Calculate S(n) = 1 + 1.2 + 1.2.3 + ... + 1.2..n, n > 0.
- **2.** Print all even divisors of n, n > 0.
- **3.** Write a program that accepts a positive integer number from the user, and check whether it is a perfect number.
 - In number theory, a perfect number is a positive integer that is equal to the sum of its positive divisors, excluding the number itself.
 - E.g., 6 has divisors 1, 2 and 3, and 1 + 2 + 3 = 6, so 6 is a perfect number.



5. Do exercises on SPOJ at the following link:

https://www.spoj.com/EIUPROGR/problems/introf20_03/