TON DUC THANG UNIVERSITY
Faculty of Information Technology

Exercises for Lab 2

1. Write a C program to print sum of all even numbers between 1 to n by using three loop structures. Validate the input. If the input is not valid, ask users to enter it again.

2. Write a C program to calculate sum of all digits of a positive integer number. If the input is not valid, ask users to enter it again.

3. Write a C program to enter a positive integer number and print it in the reverse order of the digits. Validate the input. If the input is not valid, ask users to enter it again.

4. Write a C program to enter a positive number N and print all prime numbers between 1 to N. Validate the input. If the input is not valid, ask users to enter it again.

5. Write a C program to enter a positive decimal number, convert it to binary number format and print out the result. Validate the input. If the input is not valid, ask users to enter it again.