**BOF#1: ASCII values and Escape Sequences**

**(12:00 – 4:00 pm, 2/1/2017, Web Lab, S-3-028)**

**Exercise 1**: Write a C program to read a character from keyboard and print:

i) the character;

ii) the ASCII value of the input character in decimal

iii) the ASCII value in hexadecimal format

iv) the ASCII value in octal format

v) the ASCII value in binary format

References:

* Linux command: man printf
* http://icecube.wisc.edu/~dglo/c\_class/printf.html

**Exercise 2**: Write a hello world! program to print out text in different colors.

References:

* <http://academic.evergreen.edu/projects/biophysics/technotes/program/ansi_esc.htm>
* <https://gcc.gnu.org/ml/gcc/2000-07/msg00064.html>