Everest Engineering College

Sanepa-2, Lalitpur

Subject: Programming in C

Date of Distribution: . . . .

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Lab 1

Title: Basic Introduction to C programming

Objective:

- To be familiar with basic syntax of c programming
- To learn problem solving techniques using C

Theory:

- ➢ History of C
- ➢ Header files
- ➢ Main function
- ➢ Variables(Declaration, initialization)
- ➢ Constants
- ➢ Keywords
- ➢ Comments

Lab Exercises:(Please code yourself and show the output to the instructor)

1) Write a program to display "Welcome to Everest Engineering College".
2) Write a program to display the following
   I live in Kathmandu.
   I am an Engineer.
   I love my country.
3) Write a program to find the area of rectangle.
4) Write a program to read the radius of circle and find its area.
5) Write a program to input temperature in Celsius & to print its Fahrenheit equivalent.
6) Write a program to calculate simple interest amount(SI) for deposit amount (P) kept in bank for (t) years at the rate of (r) simple interest per annum.
7) Write a program to input 3 digit integer number and print sum of digits in it.
8) Write a program to input 4 digit integer number and print it in reverse order (e.g. 674 => 476)

9) Write a program to swap two variables.