

CS1010E Programming Methodology

Tutorial 1: Intro to UNIX and vim

No matter how one may think himself accomplished, when he sets out to learn a new language, science, or the bicycle, he has entered a new realm as truly as if he were a child newly born into the world.

~ Frances Willard, *How I Learned to Ride the Bicycle*

To students:

This paper is to be used in week 2 tutorial. *Tutorials* are small group forums where **you** participate in discussion, or raise doubts for clarification. Your tutor and classmates may then build on your contribution to bring up any intricate points that have been overlooked, or to correct any misconceptions.

The success of tutorials hinges very much on your (1) **ACTIVE PARTICIPATION** in class, and (2) after-class **REVISION**. You do not need to submit your work for grading.

Please cooperate with your tutor towards a fruitful and enriching learning experience.

I. UNIX, vim and SSH

In this week's tutorial, we will introduce the UNIX system to you. In particular, we will go through the following webpage:

<http://www.comp.nus.edu.sg/~cs1010e/gettingStarted.html>

with the following learning objectives:

- Logging into UNIX system
- Using basic UNIX commands
- Using editor (**vim**) to write/modify C programs
- Using compiler (**gcc**) to compile C programs
- Submitting Problem Set 1 Exercise #1 to CodeCrunch

You may want to read through the above webpage before the class and come with your questions.