# Manual for Experiment 3

You need to do:

* GCC, GDB, C programming on linux, ~~Make~~(Optional)
* Finish the experiment report and submit in time.

Do step by step as the following:

1. Read os03.pdf carefully at first. All it contains is quite important.
2. To understand GCC , you can refer gcc1.mp4, gcc2\_1.mp4 & gcc2\_2.mp4 to see what gcc can do and how gcc does. But it is a silent mp4 and I will explain it in the class.

The os03.pdf provides enough knowledge for GCC. So there is no more references for GCC.

1. To understand GDB, you can refer gdb1.mp4, refs/GDB Command Line Arguments.pdf and refs/ How to debug C programs in Linux using gdb.pdf.

gdb1.mp4 is a silent mp4 too.

1. To understand and be familiar with C programming on Linux, you can learn command ps first. There is a video ps1.mp4 which is silent. Ps –aux | grep 5645

Then you can try to read the books “Advanced Linux Programming.pdf” and “Wiley.Publishing.Beginning.Linux.Programming.4th.Edition.2008.pdf” in refs/ Linux Programming pdf. You just need to know what C programming on Linux contains. 30 minutes is enough for the general conception. When you need to know more, then you read these books further.

Try to run and understand the code files demo1.c, demo3.c and demo4.c until you get the hangs of them.

If you have any difficulty or problem, Google or Baidu is a good way to find tons of docs and its solutions.

1. Finish the experiment report “ID\_NAME\_LabReport03.docx” and submit in time.

You have one week to finish the report.