COP 5614 U01 - Operating Systems - Fall 2017

Warm-up project report

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1. Introduction

I am a student major in Finance and studying CS for Financial Engineering, and this is the first time I touch something like that. It's amazing! I learnt a lot from this project. First is how to use Oracle VM VirtualBox create another OS in my laptop, and study how to use Linux Ubuntu. Then I learnt something of Pthread and I tried my best to understand it and finish the project.

All the work I do are referring the warm-up project orientation and links in it. All the files include screenshots, program, and source code are in the 5965823.zip.

2. Description and Output

I used Gedit to do the coding. Then I compiled it by using "gcc – pedantic –Wall –o OSwarmup test2.c –lpthread". The program name should be OSwarmup and the source code is test2.c. They all in the home folder. Finally I run it in Terminal by using

"./OSwarmup". Sometimes the varivable value is as same as the threads number, sometimes the different threads get the same value.

Here are the screenshots:

