

**Lab report**

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| **Course**: | Operating System Principle |
| **Semester**: | 2nd semester of the academic year **2020-2021** |
| **Major**: | Software Engineering |
| **Class**: | 2019 |
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**School of Computer and Information Science**

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| Name | | Basic Operations and C Programming in Linux | | | |
| Date | | March 10，2021 | Type | | √Confirmatory  √Design  □Comprehensive |
| 1. **Objective & Requirements**    1. Know how to install the linux system on a virtual machine    2. Get familiar with basic commands in the linux system for file, directory, system operations    3. Learn to use Vi/gedit editor to write C programs | | | | | |
| 1. **Experimental environment (**platform and software**)**   Virtualbox + Ubuntu linux 18.04 (or others) | | | | | |
| 1. **Experimental content and design** (Main Content, Procedure, Codes and Results) 2. Tasks for this lab    1. Install linux on a virtual machine    2. Experiment with the commands given in the slides (but not limited to)    3. Use Vi to write a C program. You do not need to compile or run it. 3. Please provide your procedure and source codes to perform the tasks.   Results:    Ubuntu20.04 was successfully installed in VMWare      Try using some simple commands in the terminal    Use vim to write a c program | | | | | |
| 1. **Result analysis and discussion**（Analysis of experimental results and summing up the harvest and the existing problems）   In this experiment, I gained some understanding of the Linux system, successfully installed the Ubuntu virtual machine, tried some simple commands and wrote a C program. Through this experiment I deepened my understanding of operating system concepts and laid the foundation for completing other experiments in the future. | | | | | |
| Comments & Evaluation | Content & Design (A-E) | | |  | |
| Procedure & Codes (A-E) | | |  | |
| Results (A-E) | | |  | |
| Analysis & Discussion (A-E) | | |  | |
| Score (A-E):  Feedback comments: | | | | |