**CSC305**

**Prof. A. Gordonov**

**L A B. A S S I G N M E N T # 1**

# Shell programs (scripts)

During this lab you will learn:

* How to create text file?
* How to make file executable?
* What is “shell program”?
* How to run programs in LINUX?

Experiment with the ***exec*** command by writing two series of three shell scripts called:

1) "a.sh", "b.sh", "c.sh"

2) "d.sh", "e.sh", "f.sh".

Each shell from the first sequence will display its name, execute **ps** command, and then execute the next script in the sequence using ***exec*** command (ex: **exec b.sh** in a.sh)

Each shell from the second sequence will display its name, execute **ps** command, and then execute the next script in the sequence by just calling its name (ex: **e.sh** in d.sh) Observe what happens when you start:

 a.sh

 d.sh

 exec a.sh

Be ready to explain the differences in the execution of your shell sequences.

After you finish this lab, you must:

- show me your working scripts;

- answer my questions;

**Deadline** – Feb. 15 10 points