NATIONAL RESEARCH UNIVERSITY ITMO

FACULTY OF SOFTWARE ENGINEERING AND COMPYTER SYSTEMS

Labwork №2 [3]

System Software Fundamentals

Ivan Sarzhevskiy

Group P3302

Saint Petersburg

2019 г.

Assignment

Develop two shell scripts that will list:

- Names of directories that contains more than one subdirectory sorted by modification time

- Names of groups that contains more than X users

Scripts code

First Task

```
ls −lat | grep "^d" | tr −s ' ' | cut −d ' ' −−fields=2,9 |
 grep −v "^2" | cut −d ' ' −f 2 | grep −v "[\.|\.\.]"
```

Second Task

```
cat /etc/group | awk −F ':' '{l=split($4,a,":"); if (l>0) print $1;}'
```