ITMO University

The Faculty of Software Engineering and Computer Systems

System software basics

Practical task №3

Shell-programming

Variant 210

Done by a student of P3310 group Dima Glushkov

Task 1. Write shell sccript which prints list of users who can read given file

Script:

Task 2.

Write shell sccript which prints every directory where current user can search

Script

```
#!/bin/sh

curdir=$(pwd)
uid=$(id -u $USER)
gid=$(id -g $USER)

ls -n $curdir | awk -v uid="$uid" -v gid="$gid" '{if ($3==uid &&
$1~"^...x*"){print $9} else if ($4==gid && $1~"^....x*") {print $9}
else if ($1~"*x$") {print $9}}'
```