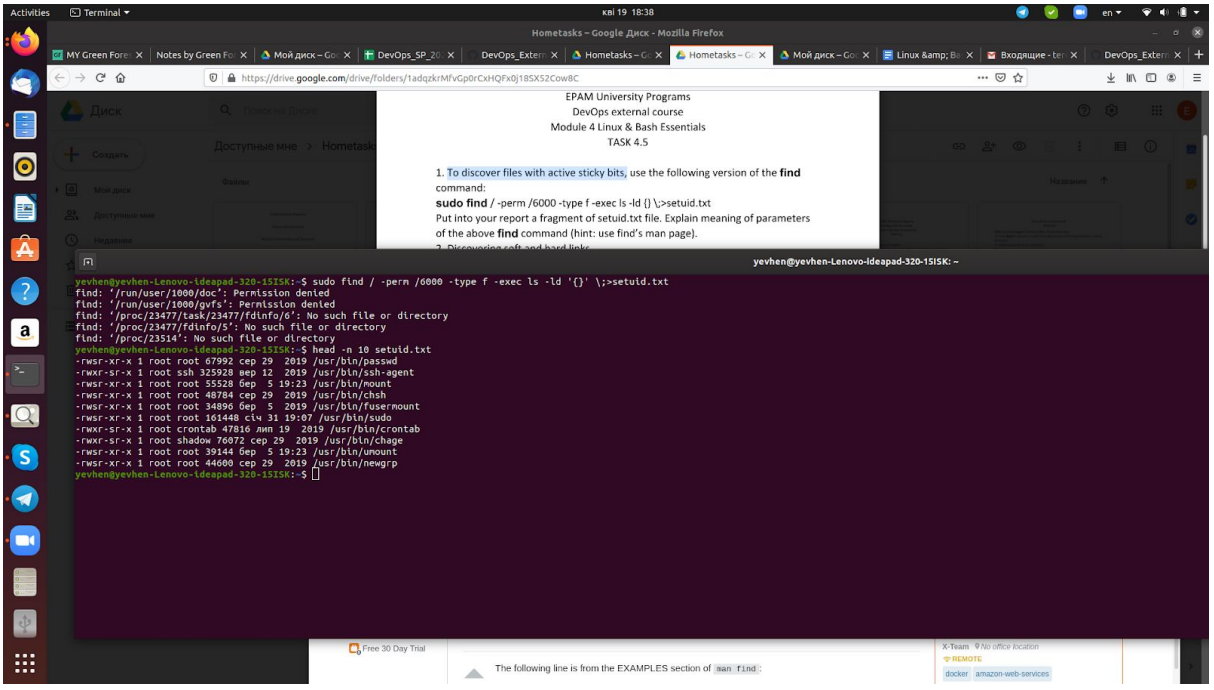
Linux & Bash Essentials

1. To discover files with active sticky bits with following version of the find command.

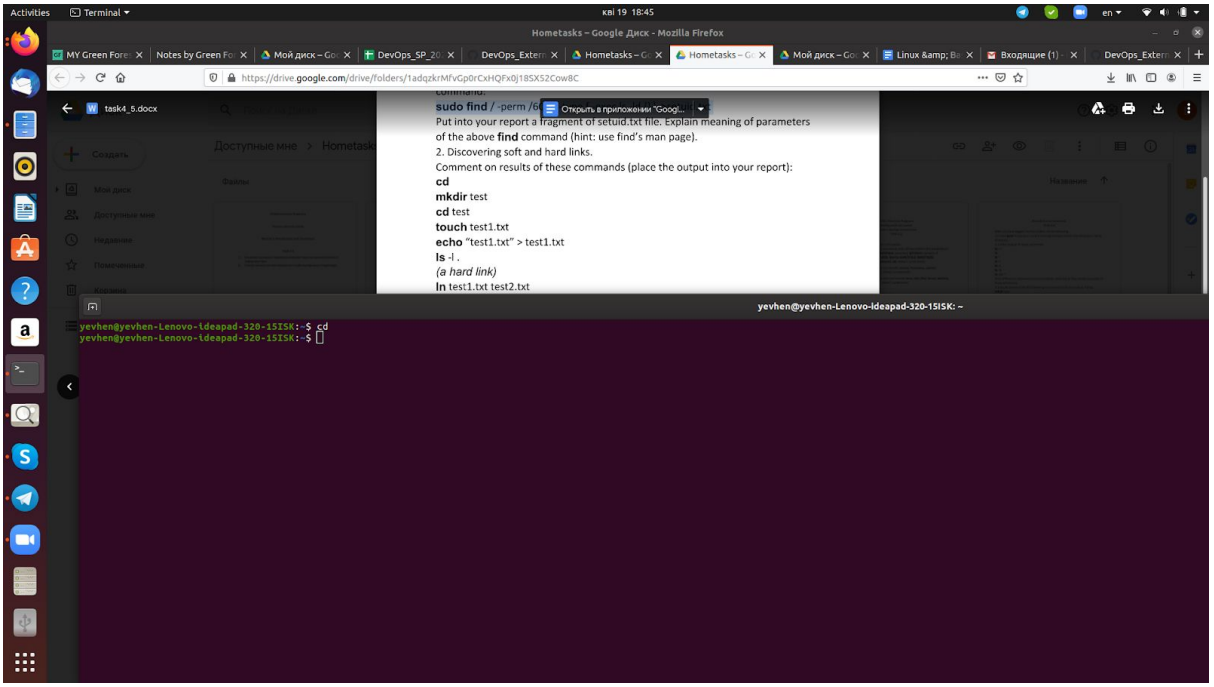
sudo find / -perm /6000 -type f -exec ls -ld ‘{}’ \;>setuid.txt

find / it is a directory to find files
-perm /6000 bits with access right
-type f it’s a type of search to use
-exec command show the output

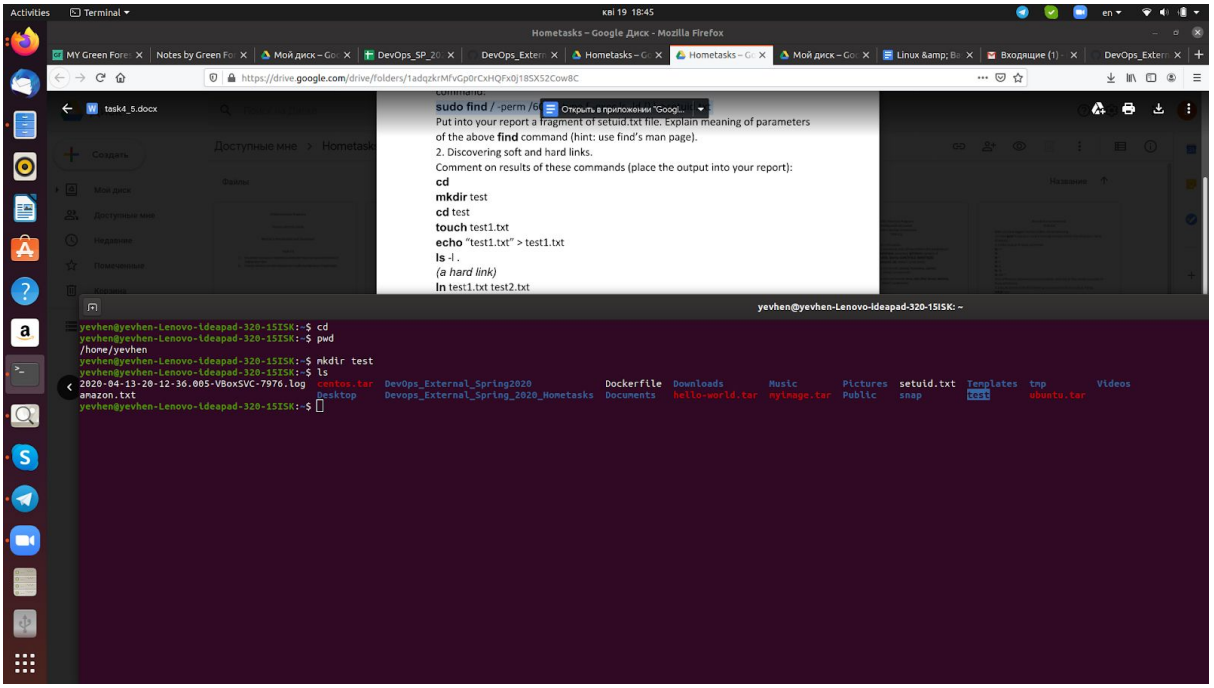


2. Discovering soft and hard links.

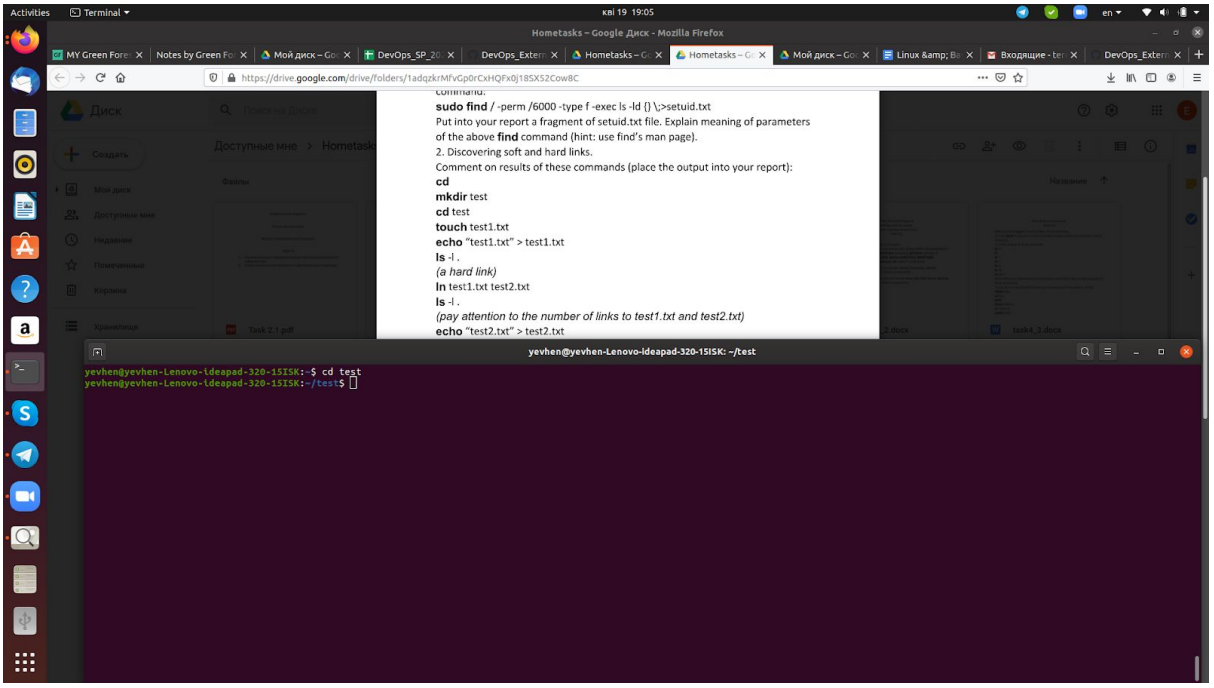
cd



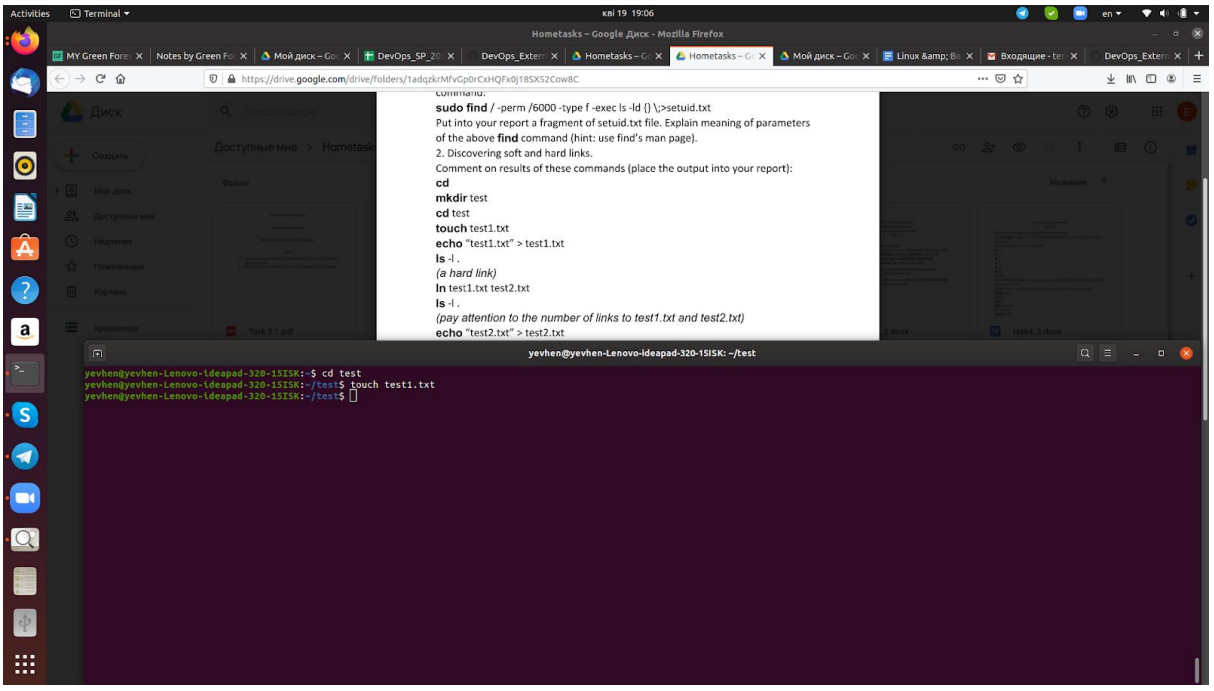
mkdir test



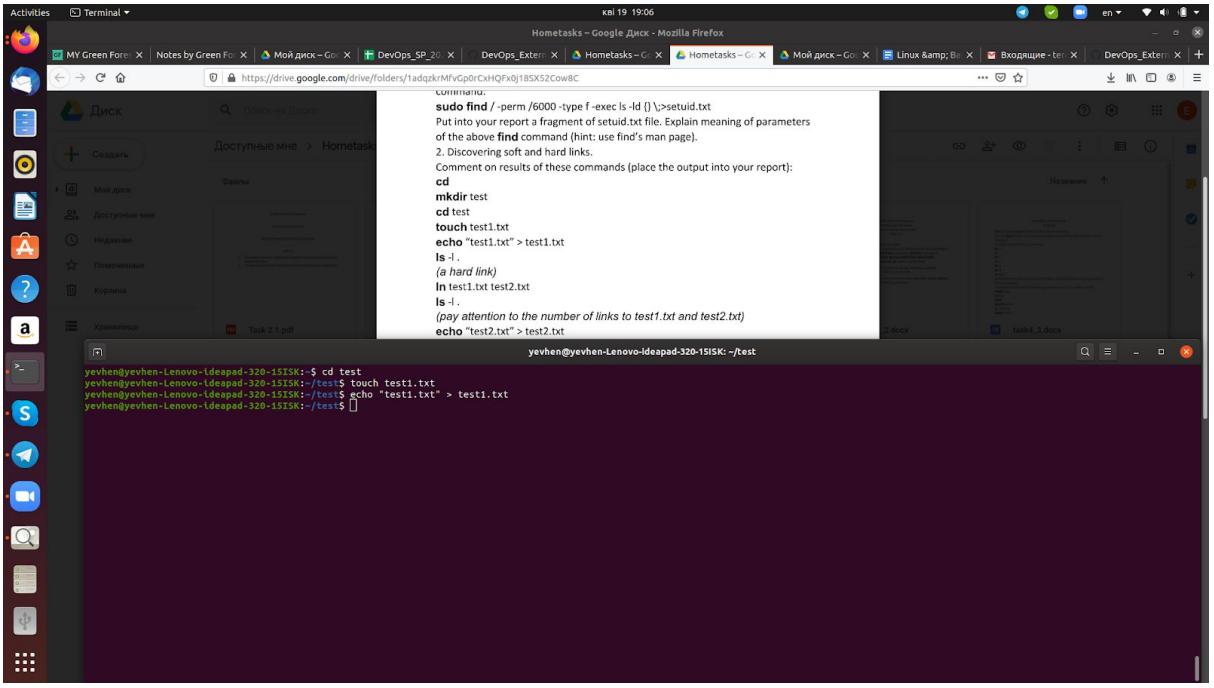
cd test



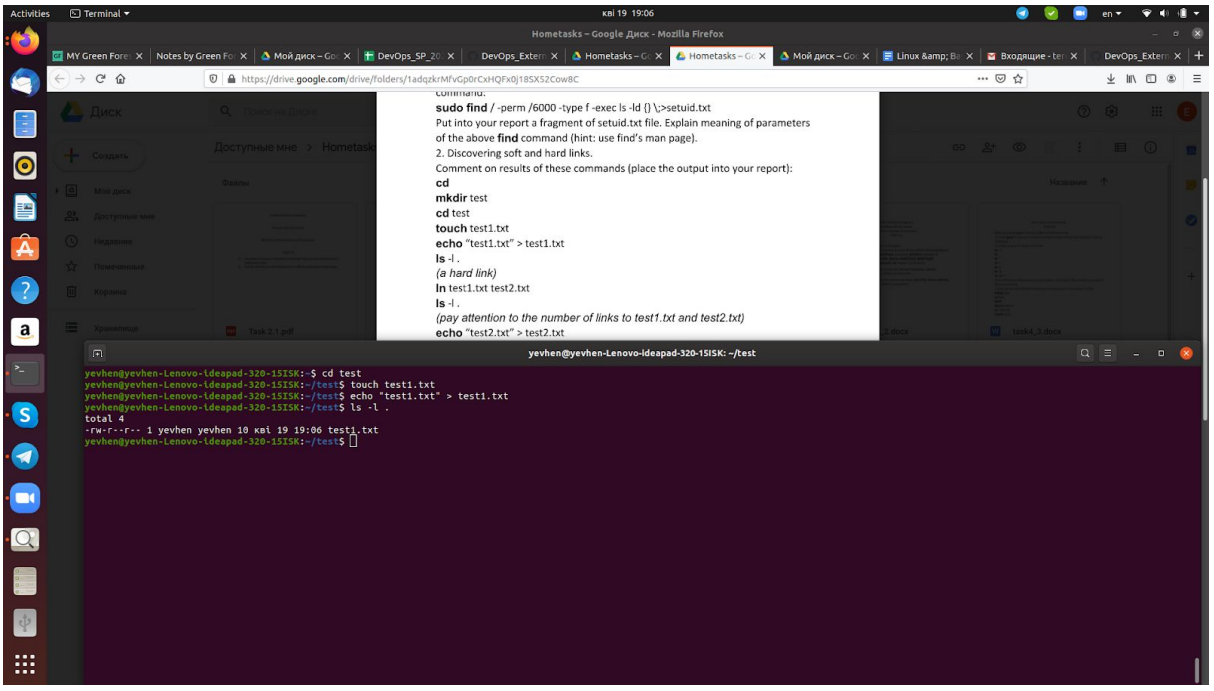
touch test1.txt



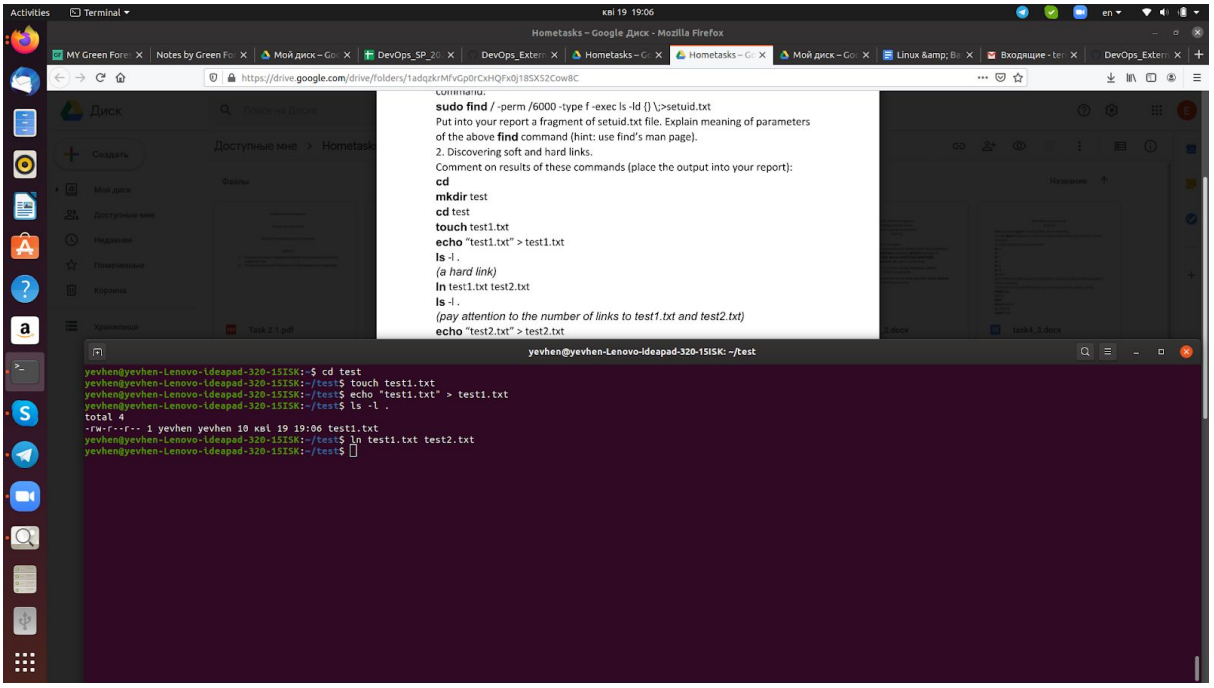
echo “test1.txt” > test1.txt



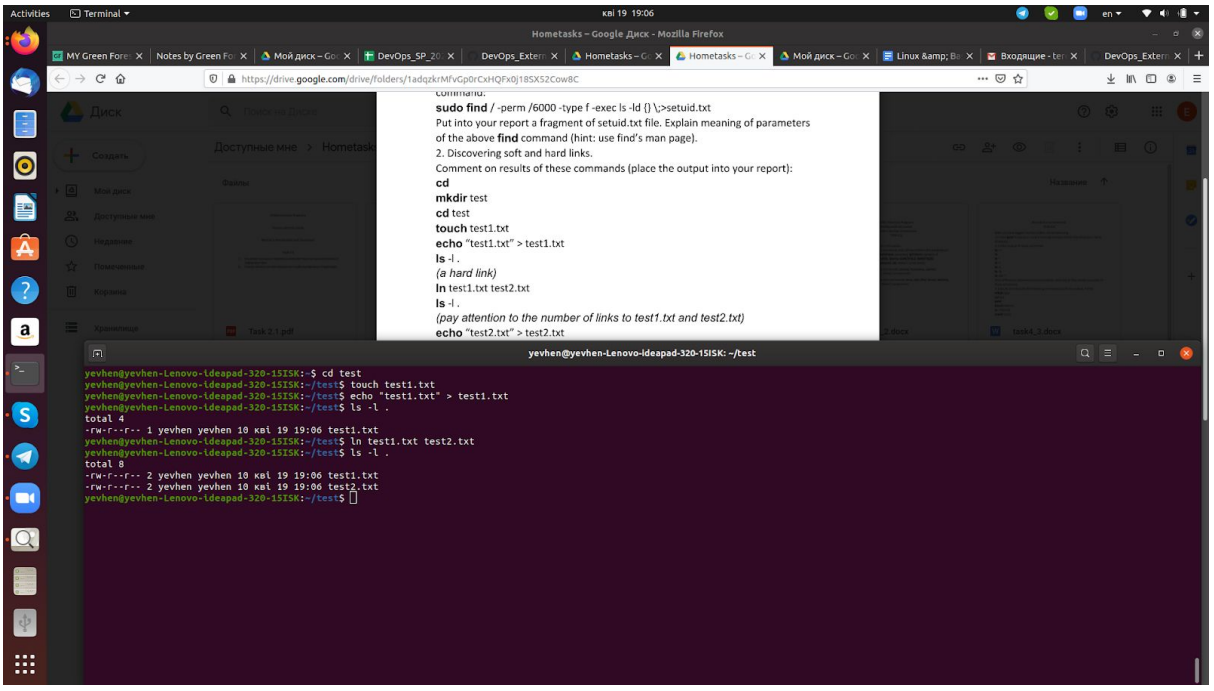
ls -l .



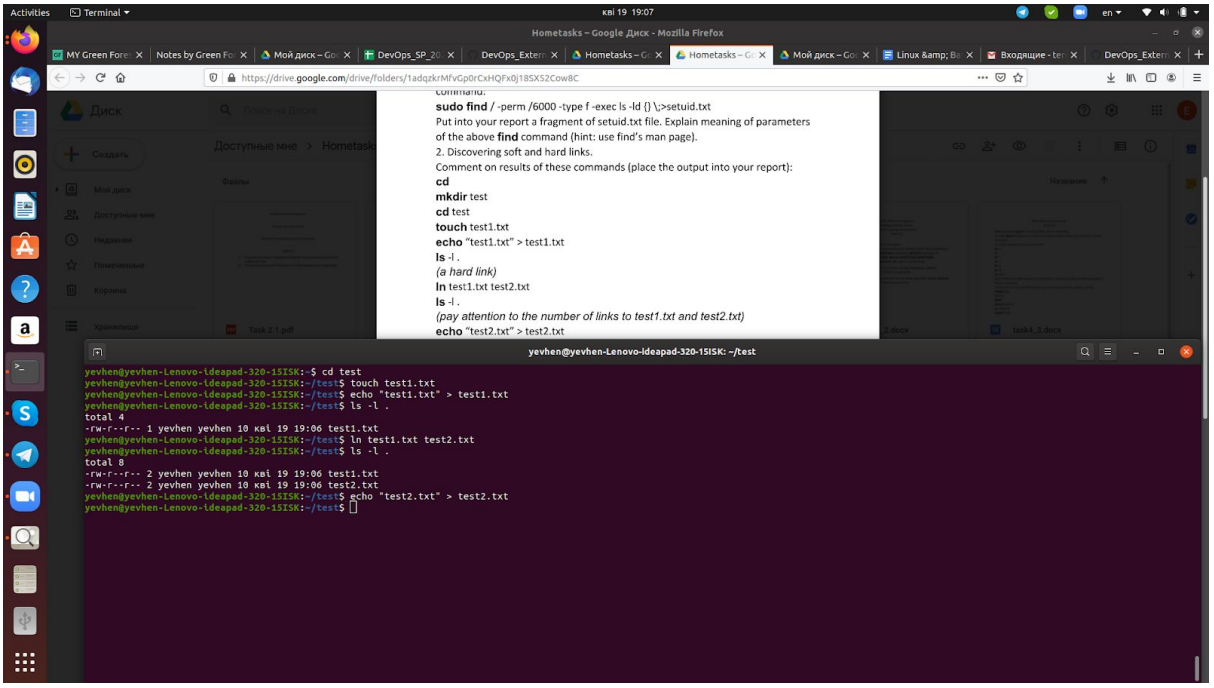
ln test1.txt test2.txt



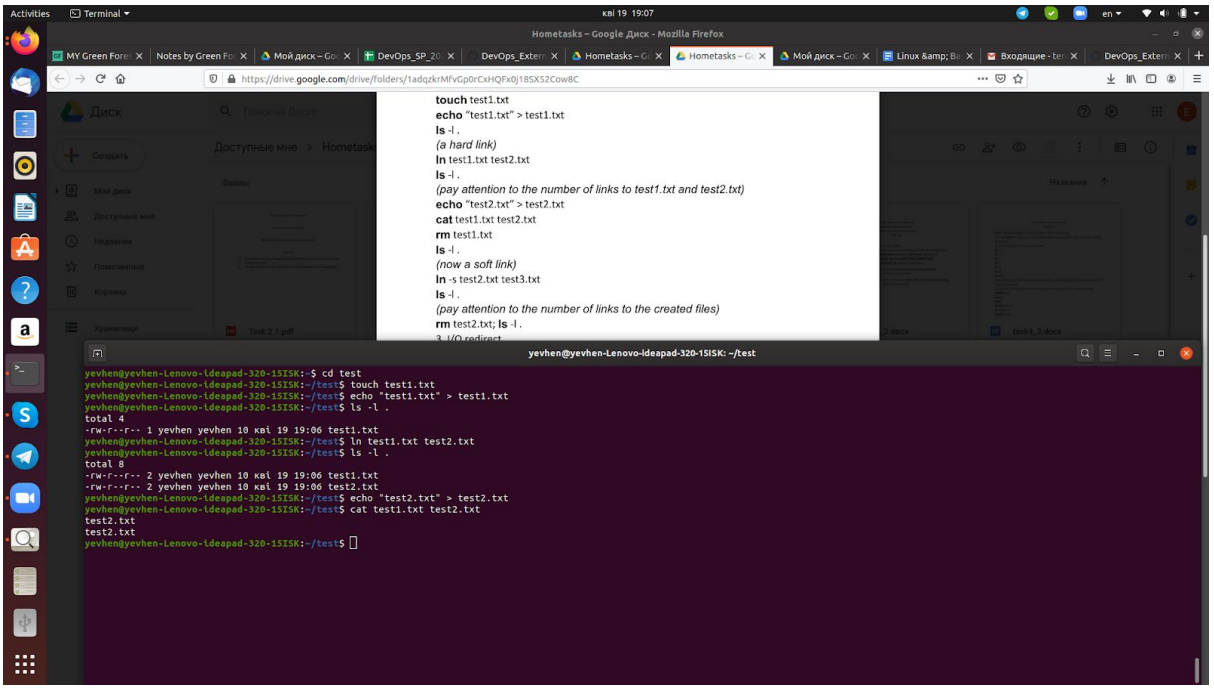
ls -l .



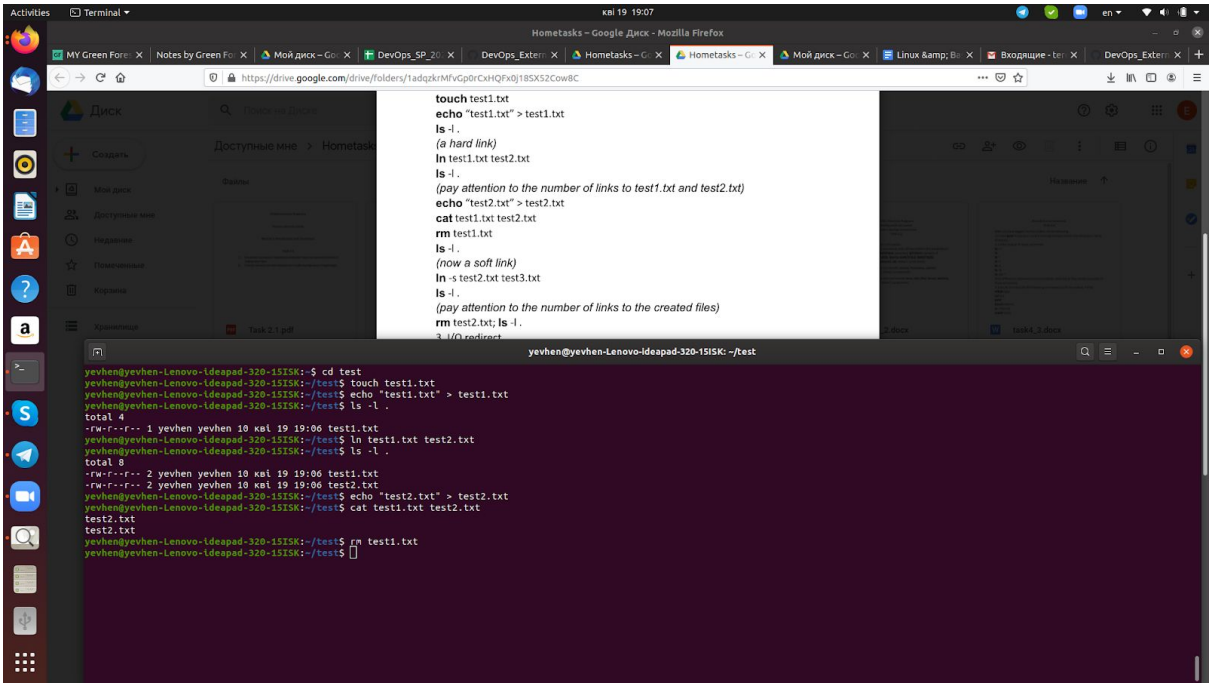
echo “test2.txt” > test2.txt



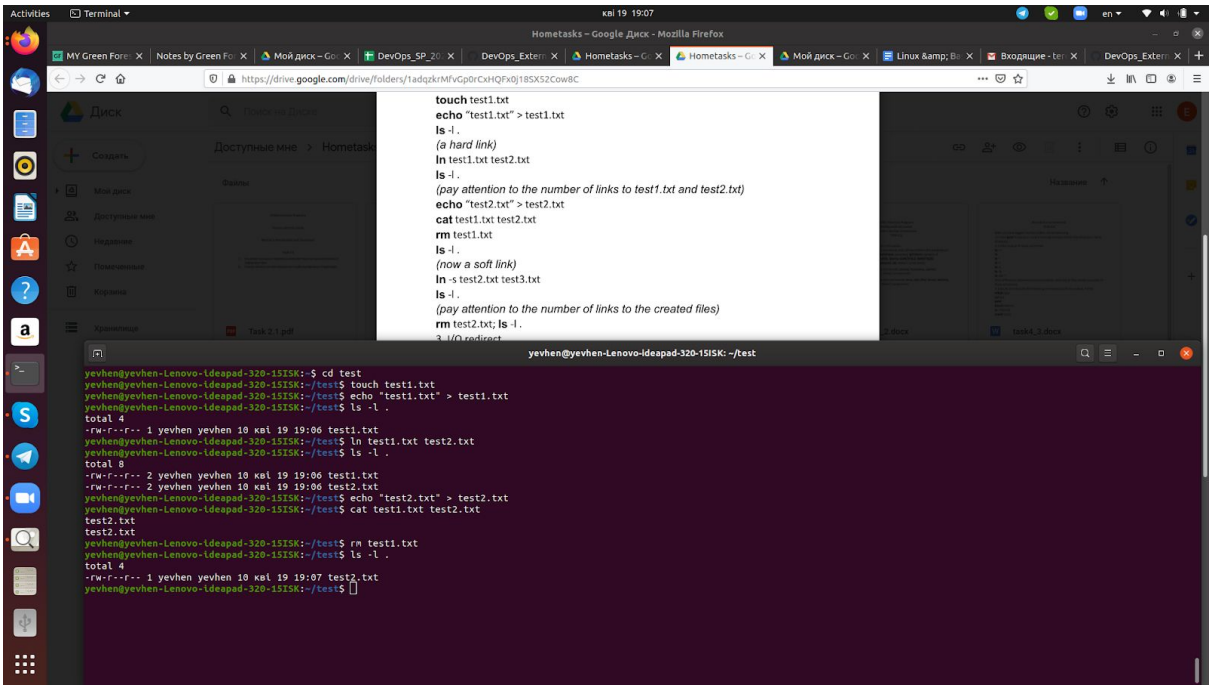
cat test1.txt test2.txt



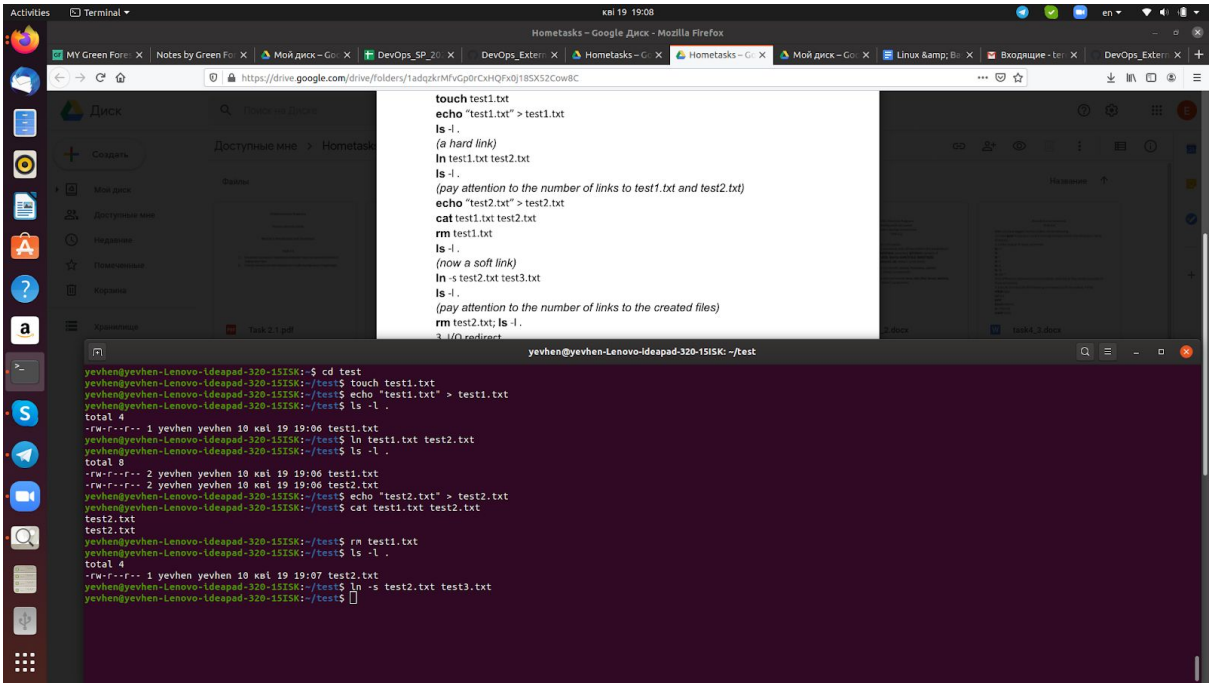
rm test1.txt



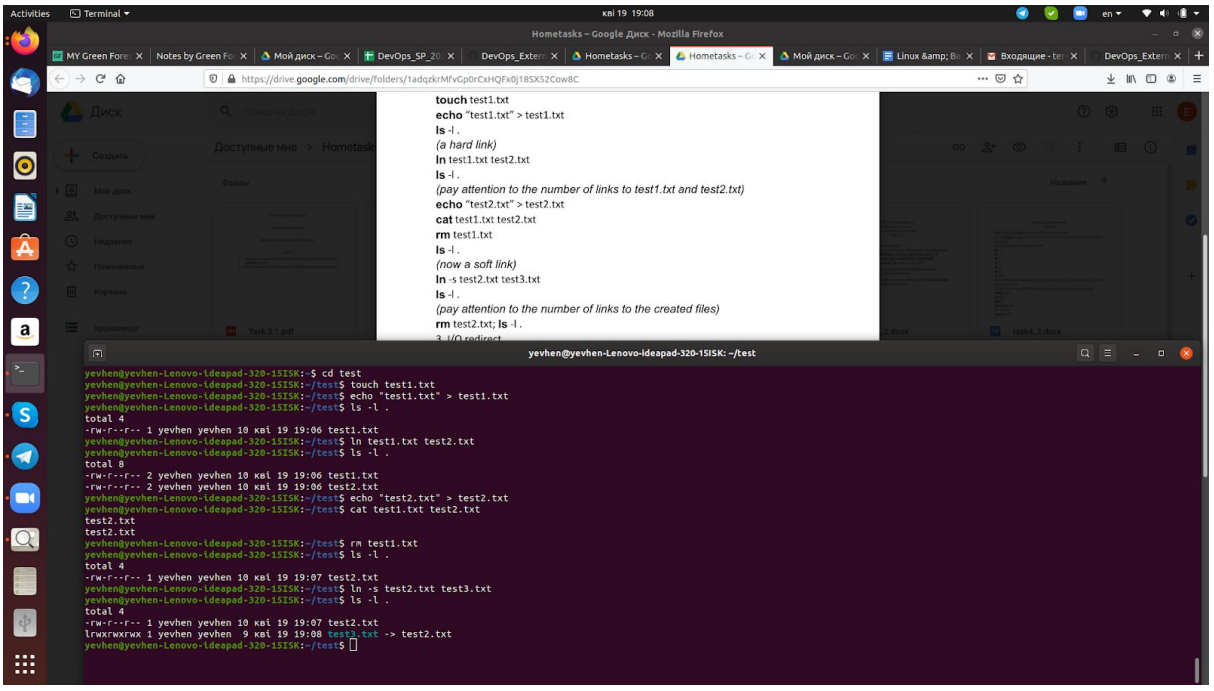
ls -l .



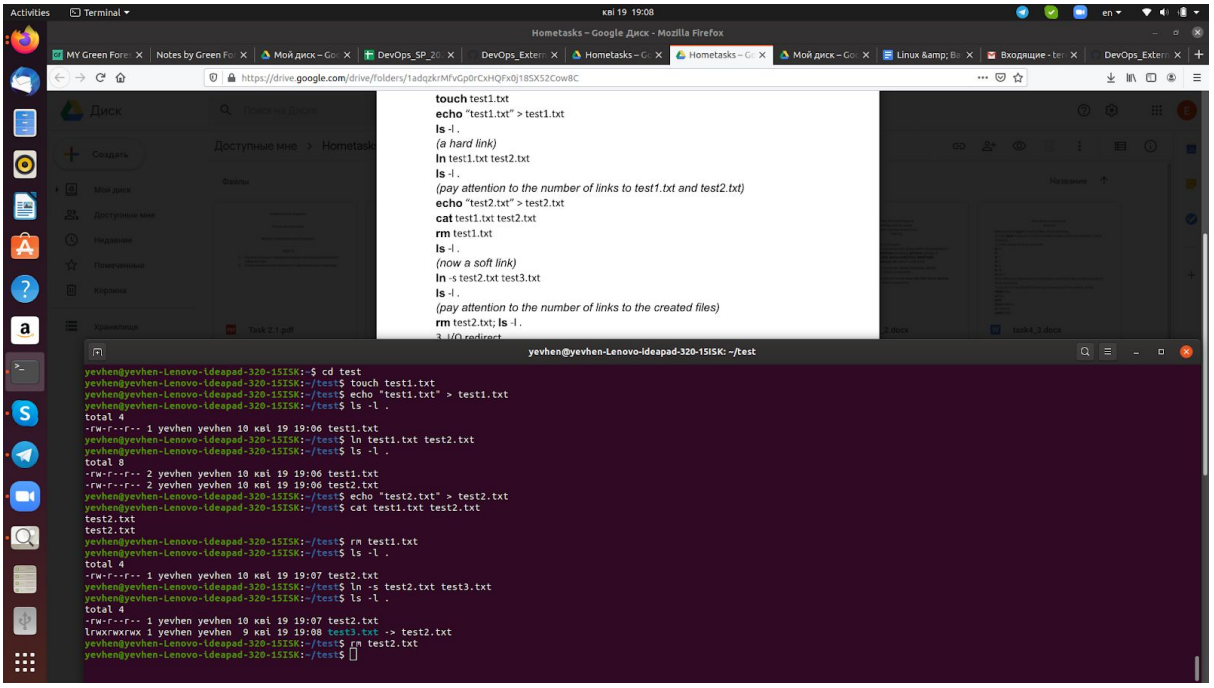
ln -s test2.txt test3.txt



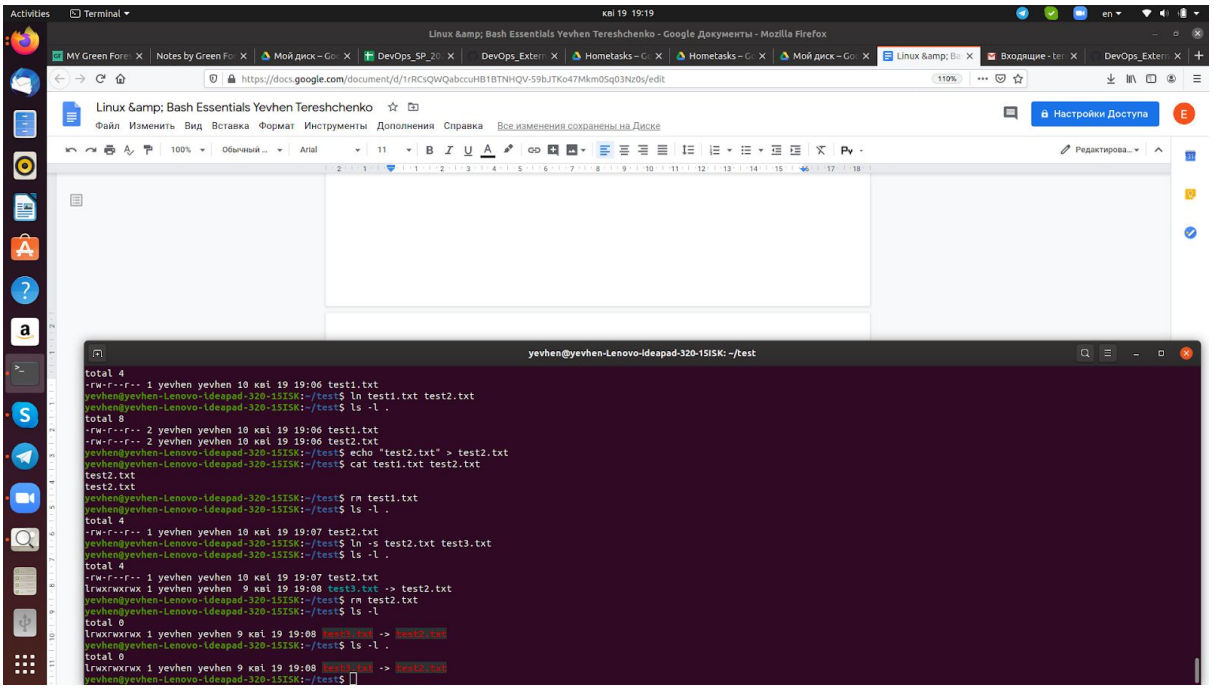
ls -l .



rm test2.txt

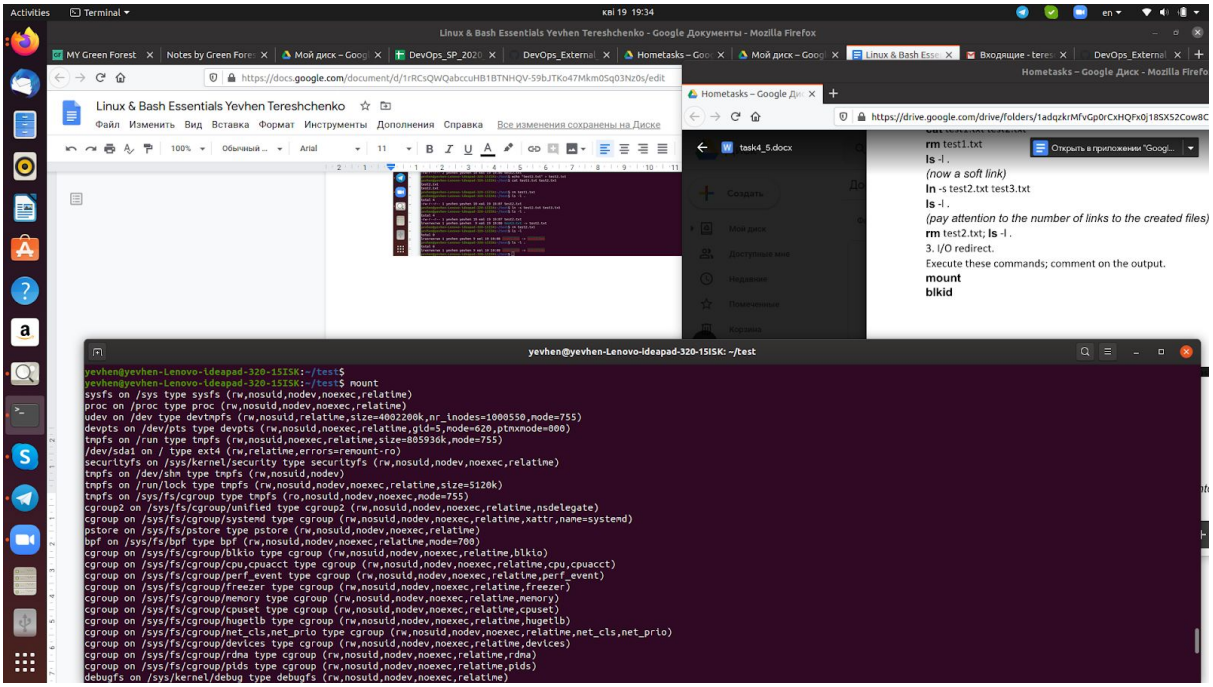


ls -l .

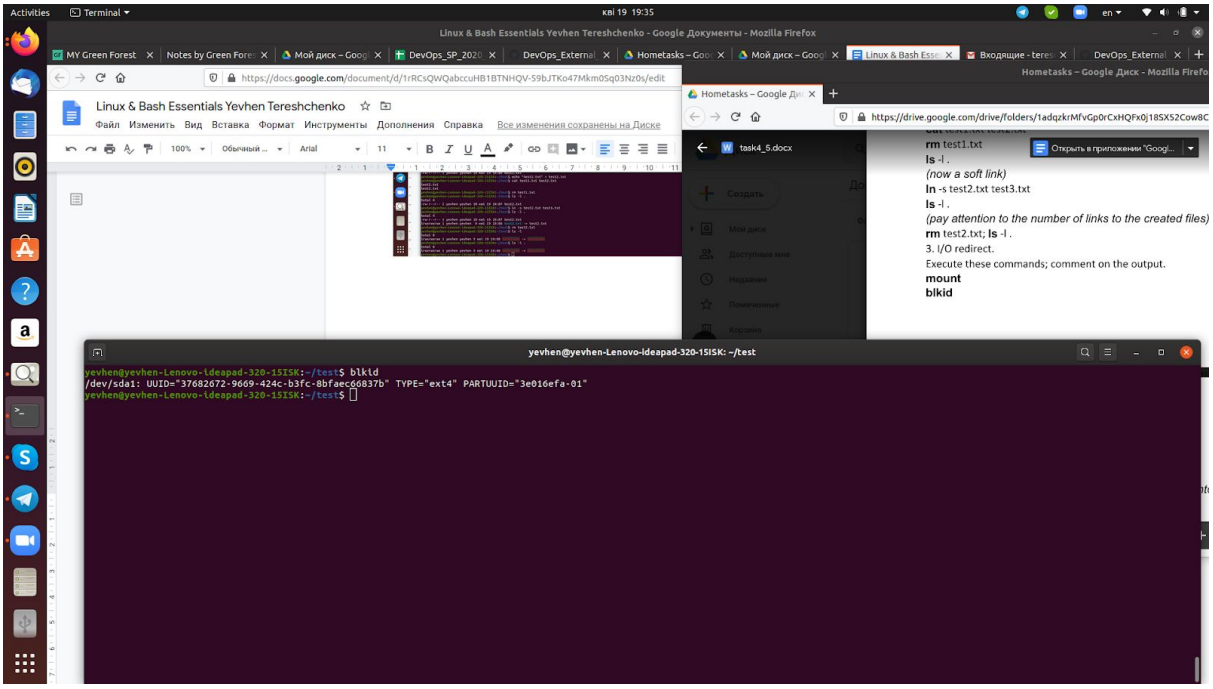


3 I/O redirect

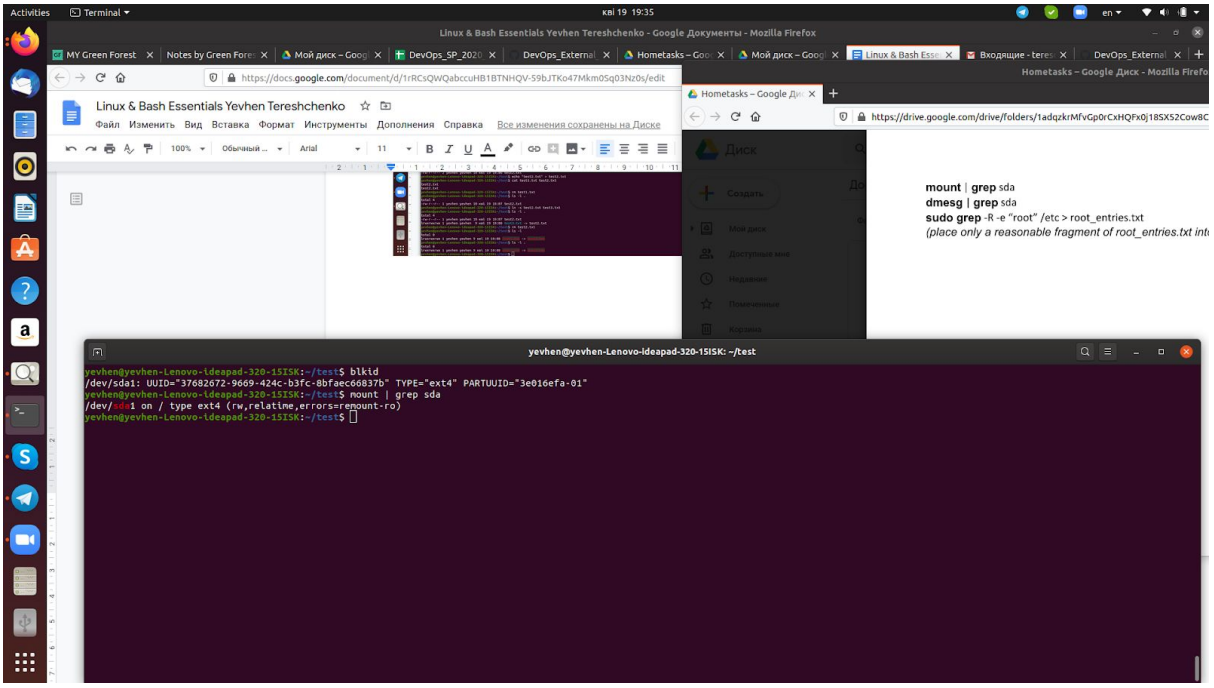
mount



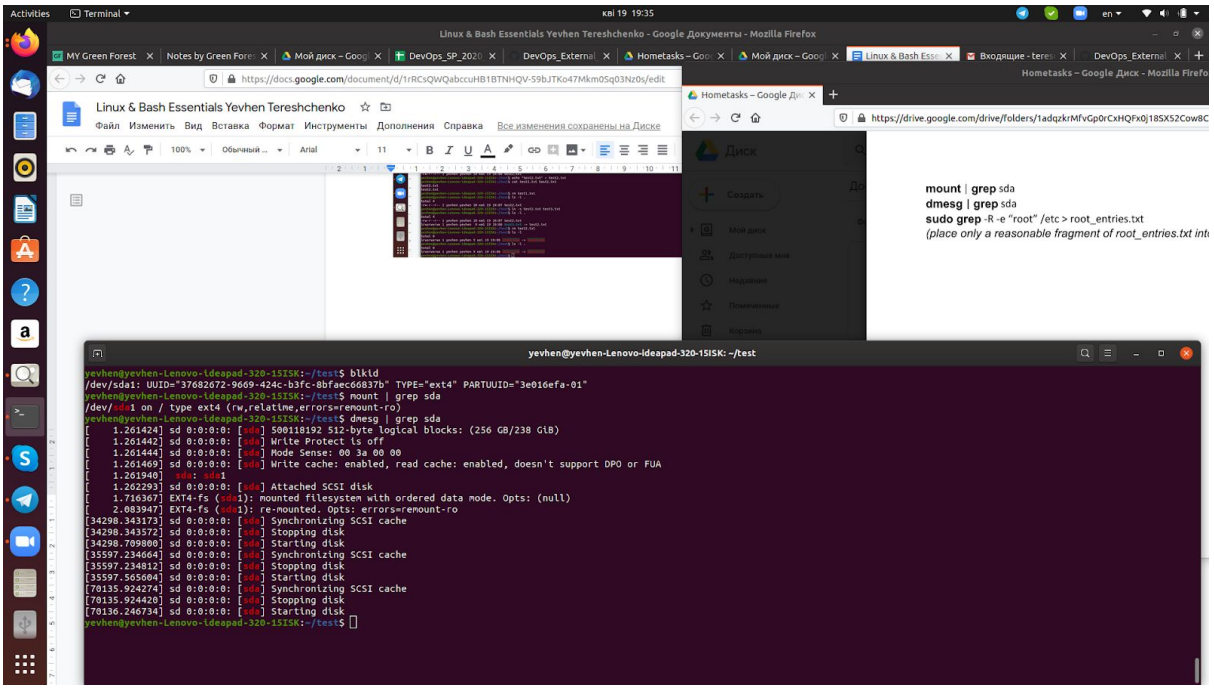
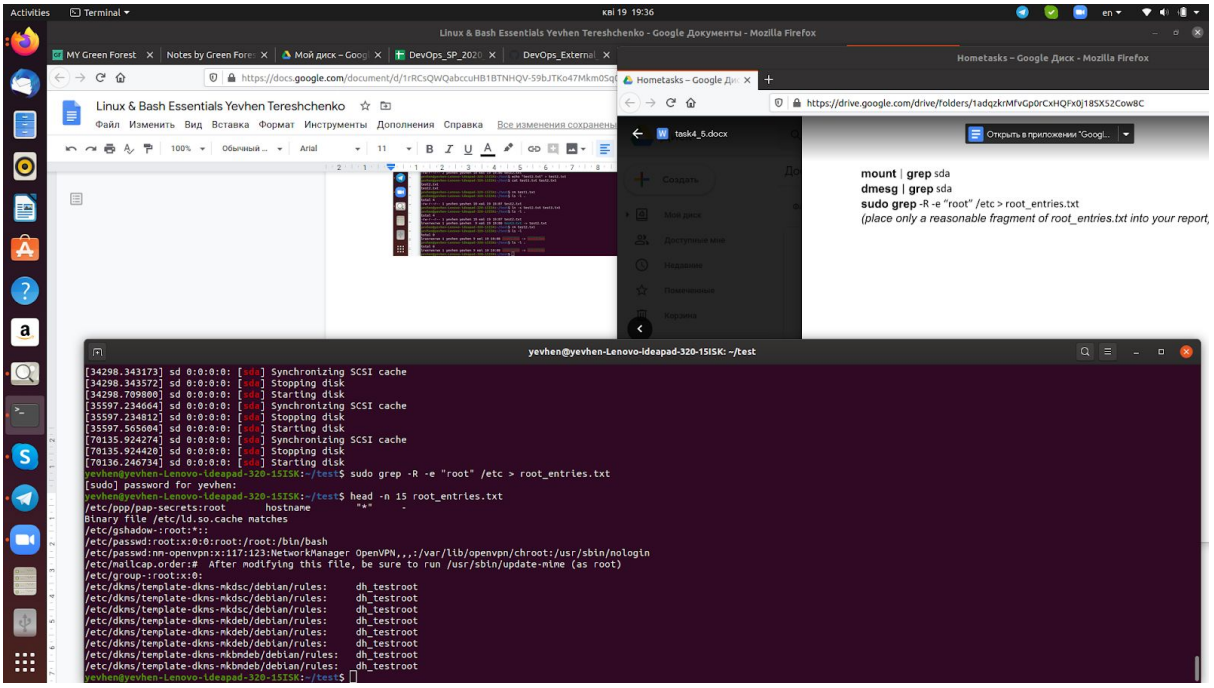
blkid



mount | grep sda



dmesg | grep sda



sudo grep -R -e “root” /etc > root_entries.txt