

Ульяновский государственный технический университет  
Дисциплина «Математика и информационные технологии»

Лабораторная работа № 5

Системы контроля версий. Основы ветвления и слияния

Выполнила:

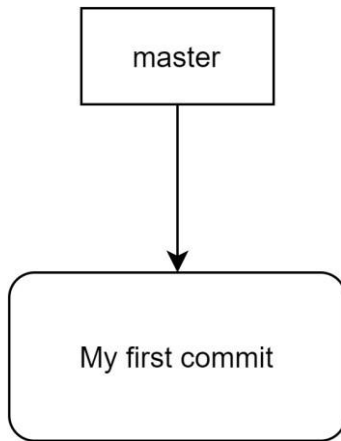
Данилова А.А.

Лбд-21

Проверила:

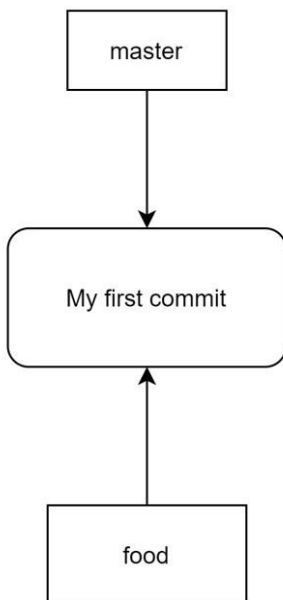
Куликова А.А.

1.



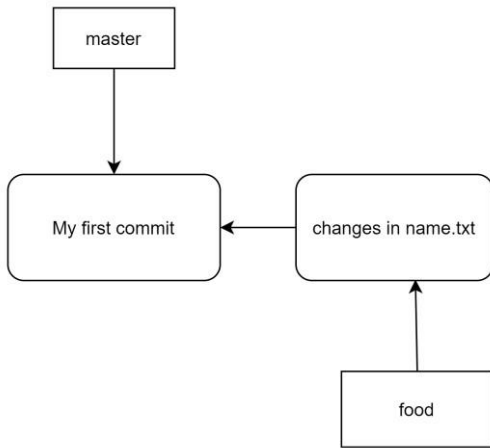
```
C:\Users\panda>cd desktop
C:\Users\panda\Desktop>cd my_lab
```

2.



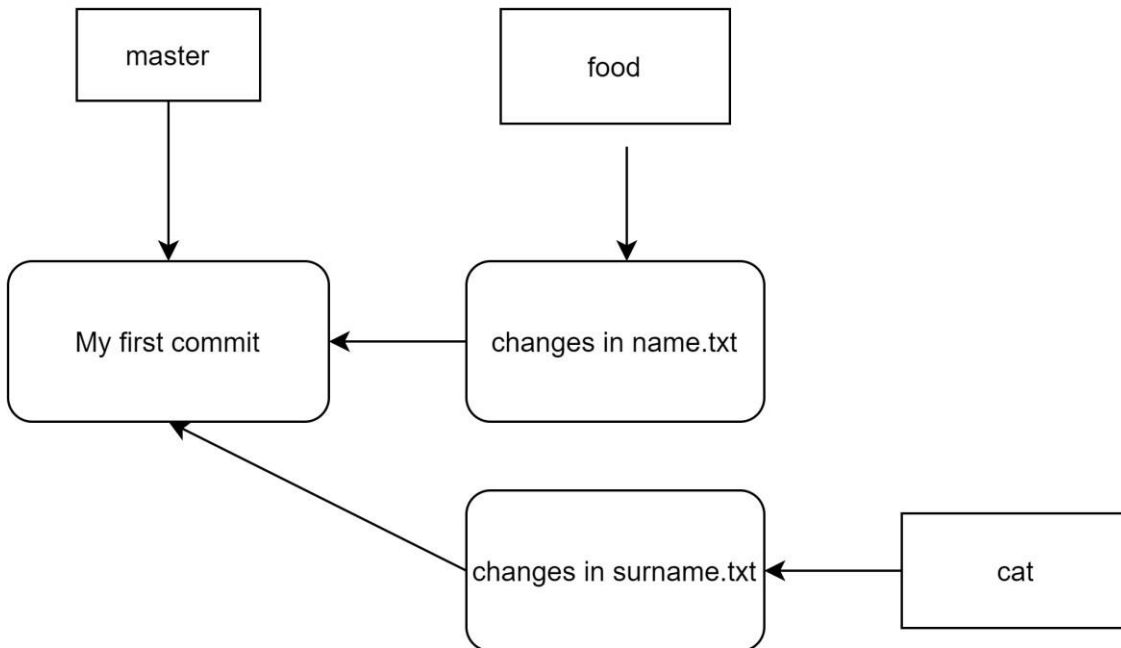
```
C:\Users\panda>cd desktop
C:\Users\panda\Desktop>cd my_lab
C:\Users\panda\Desktop\my_lab>git checkout -b food
Switched to a new branch 'food'
C:\Users\panda\Desktop\my_lab>git add .
C:\Users\panda\Desktop\my_lab>git status
On branch food
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   name.txt
```

3.



```
C:\Users\panda\Desktop\my_lab>git commit -a -m 'name.txt'
[food 38d5bc4] 'name.txt'
1 file changed, 3 insertions(+)
```

4.

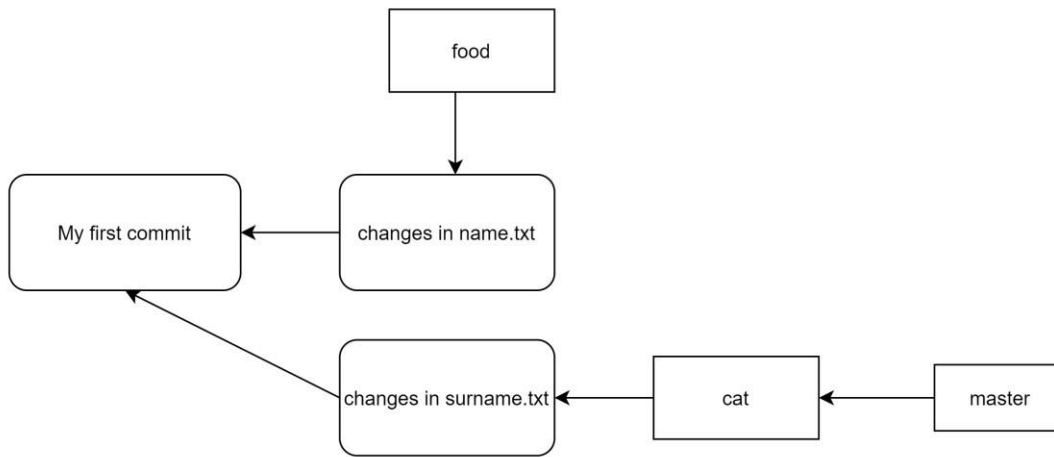


```
C:\Users\panda\Desktop\my_lab>git checkout -b cat
Switched to a new branch 'cat'

C:\Users\panda\Desktop\my_lab>git commit -a -m 'surname.txt'
[cat 3f2a2e2] 'surname.txt'
1 file changed, 1 insertion(+)
```

5.

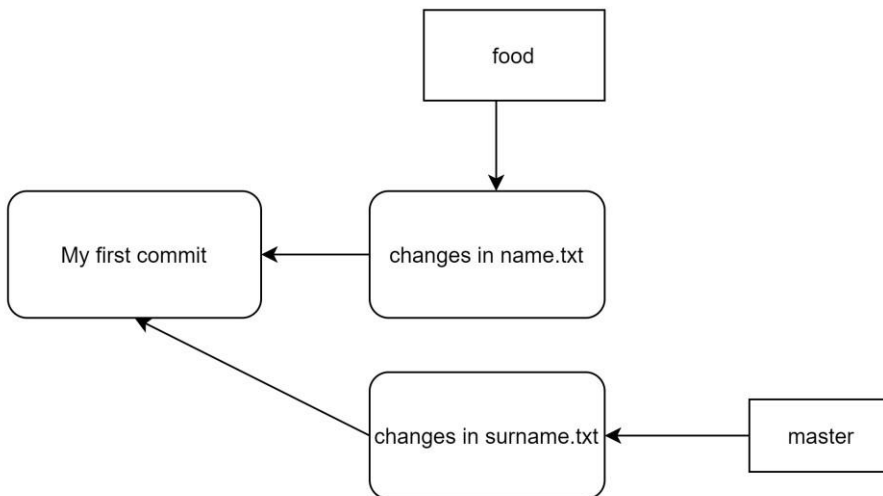
6.



```

C:\Users\panda\Desktop\my_lab>git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

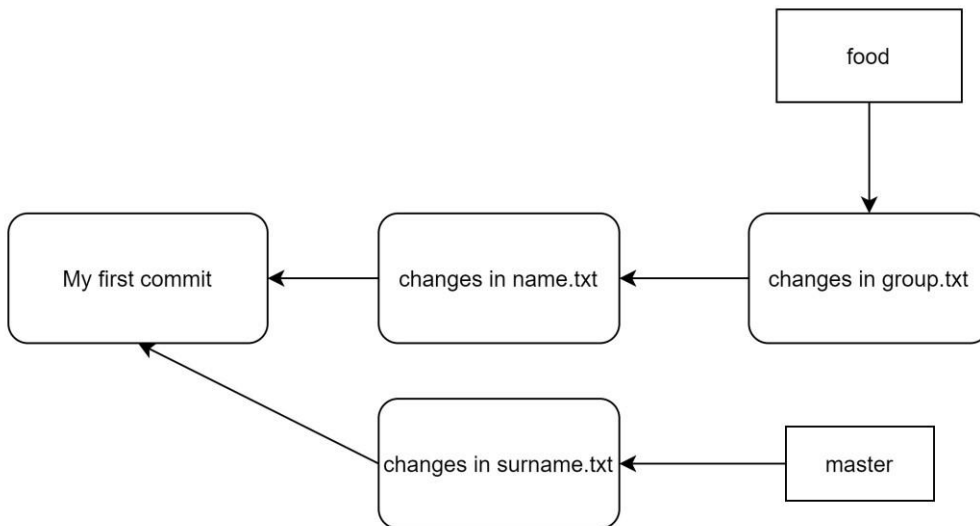
C:\Users\panda\Desktop\my_lab>git merge cat
Updating ad3f442..3f2a2e2
Fast-forward
 name.txt      | 3 +++
 surname.txt   | 1 +
 2 files changed, 4 insertions(+)
  
```



```

C:\Users\panda\Desktop\my_lab>git branch -d cat
Deleted branch cat (was 3f2a2e2).
  
```

7.

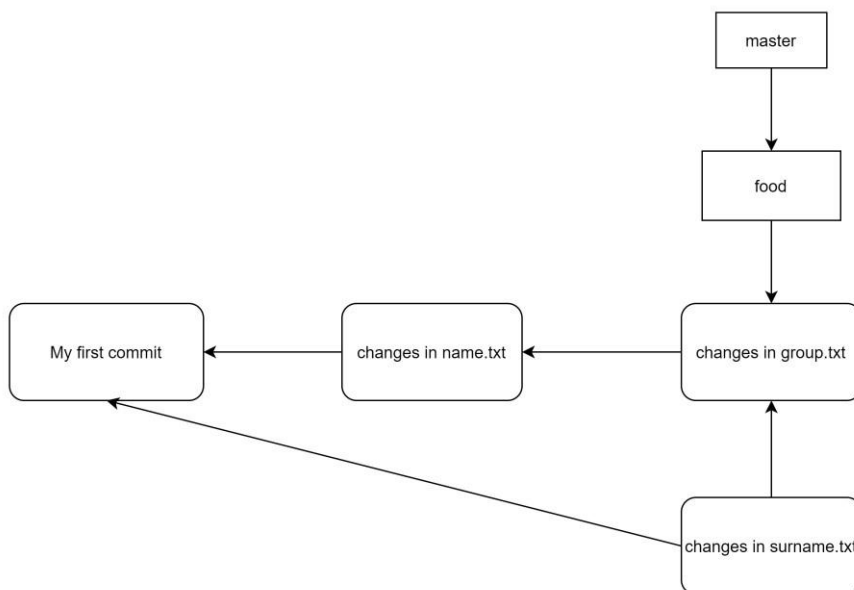


```

C:\Users\panda\Desktop\my_lab>git checkout food
Switched to branch 'food'

C:\Users\panda\Desktop\my_lab>git commit -a -m 'group.txt'
[food 669c8ea] 'group.txt'
1 file changed, 2 insertions(+)
  
```

8.

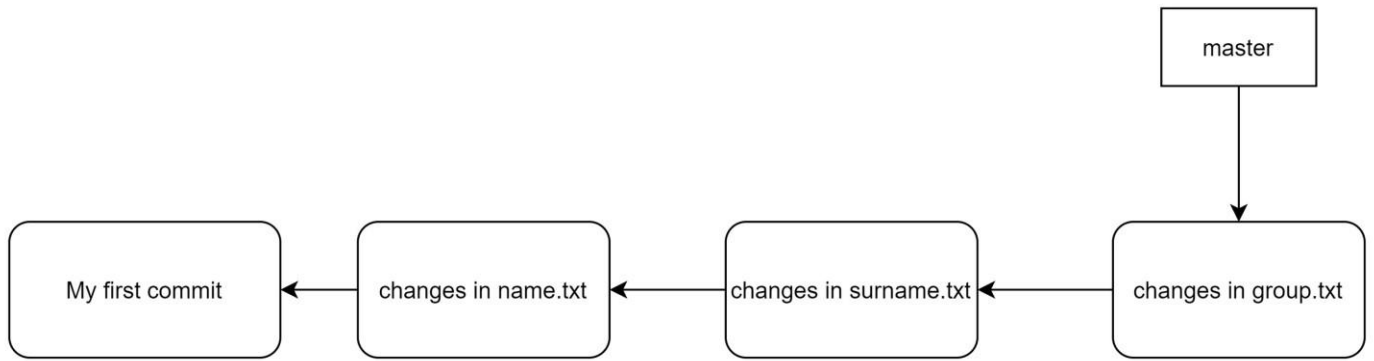


```

C:\Users\panda\Desktop\my_lab>git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)

C:\Users\panda\Desktop\my_lab>git merge food
Merge made by the 'recursive' strategy.
 group.txt | 2 ++
1 file changed, 2 insertions(+)
  
```

9.



```
C:\Users\panda\Desktop\my_lab>git branch -d food
Deleted branch food (was 669c8ea).
```