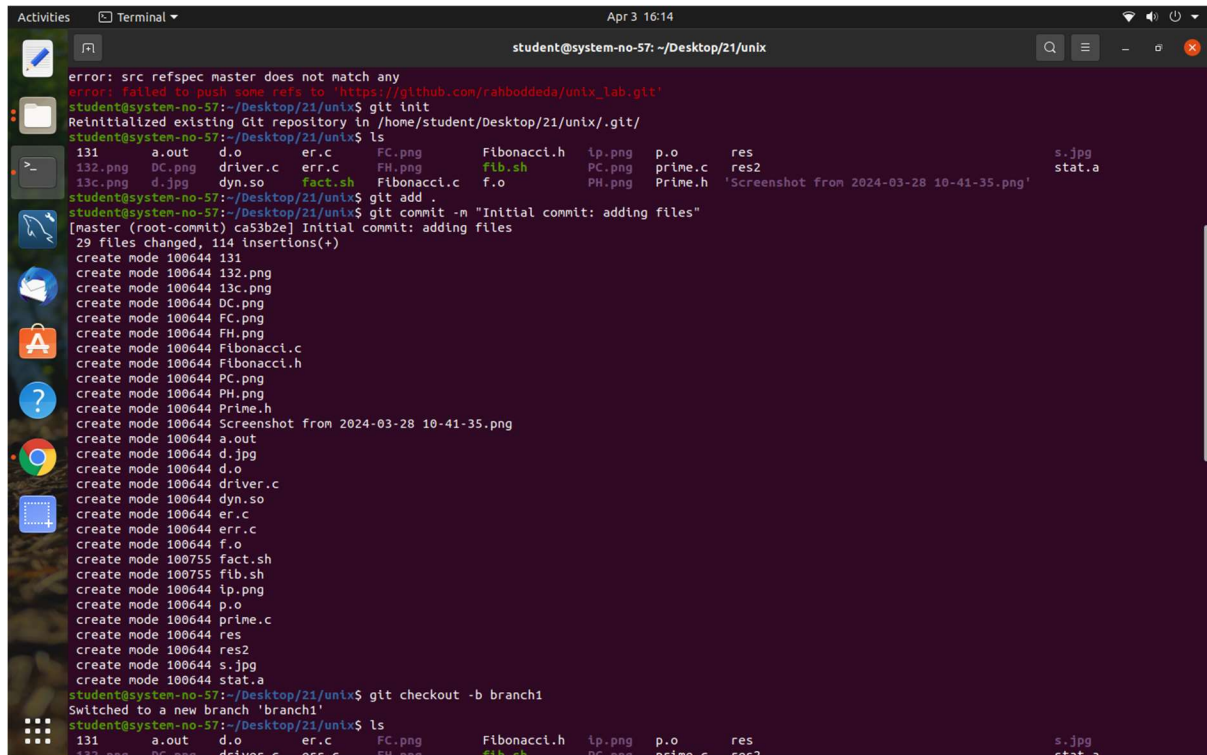


NAME - B SUSHANTH JONAS  
ROLL NO - 422119  
SECTION - A

NAME - B SUMANTH  
ROLL NO - 422172  
SECTION - A

Create a project under CVS/git repository and record multiple versions/branches and practice merging of branches using gitbash commands and upload all your previous lab tasks to this repository . ( 422119 & 422172 )



```
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/rahboddada/unix_lab.git'
student@system-no-57: ~/Desktop/21/unix$ git init
Reinitialized existing Git repository in /home/student/Desktop/21/unix/.git/
student@system-no-57: ~/Desktop/21/unix$ ls
131      a.out      d.o      er.c      FC.png    Fibonacci.h  fp.png    p.o      res      s.jpg
132.png  DC.png    driver.c  err.c     FH.png    fib.sh       PC.png    prime.c  res2     stat.a
13c.png  d.jpg     dyn.so    fact.sh   Fibonacci.c  f.o          PH.png    Prime.h  'Screenshot from 2024-03-28 10-41-35.png'
student@system-no-57: ~/Desktop/21/unix$ git add .
student@system-no-57: ~/Desktop/21/unix$ git commit -m "Initial commit: adding files"
[master (root-commit) ca53b2e] Initial commit: adding files
29 files changed, 114 insertions(+)
create mode 100644 131
create mode 100644 132.png
create mode 100644 13c.png
create mode 100644 DC.png
create mode 100644 FC.png
create mode 100644 FH.png
create mode 100644 Fibonacci.c
create mode 100644 Fibonacci.h
create mode 100644 PC.png
create mode 100644 PH.png
create mode 100644 Prime.h
create mode 100644 Screenshot from 2024-03-28 10-41-35.png
create mode 100644 a.out
create mode 100644 d.jpg
create mode 100644 d.o
create mode 100644 driver.c
create mode 100644 dyn.so
create mode 100644 er.c
create mode 100644 err.c
create mode 100644 f.o
create mode 100755 fact.sh
create mode 100755 fib.sh
create mode 100644 fp.png
create mode 100644 p.o
create mode 100644 prime.c
create mode 100644 res
create mode 100644 res2
create mode 100644 s.jpg
create mode 100644 stat.a
student@system-no-57: ~/Desktop/21/unix$ git checkout -b branch1
Switched to a new branch 'branch1'
student@system-no-57: ~/Desktop/21/unix$ ls
131      a.out      d.o      er.c      FC.png    Fibonacci.h  fp.png    p.o      res      s.jpg
132.png  DC.png    driver.c  err.c     FH.png    fib.sh       PC.png    prime.c  res2     stat.a
```

```
Activities Terminal Apr 3 16:14 student@system-no-57: ~/Desktop/21/unix

student@system-no-57:~/Desktop/21/unix$ ls
131 a.out d.o er.c FC.png Fibonacci.h fp.png p.o res s.jpg
132.png DC.png driver.c err.c FH.png flb.sh PC.png prime.c res2 stat.a
13c.png d.jpg dyn.so fact.sh Fibonacci.c f.o PH.png Prime.h 'screenshot from 2024-03-28 10-41-35.png'

bash: cd: c_files: No such file or directory
student@system-no-57:~/Desktop/21/unix$ mkdir c_files
student@system-no-57:~/Desktop/21/unix$ mv er.c driver.c err.c prime.c Fibonacci.c c_files/
student@system-no-57:~/Desktop/21/unix$ git add .
student@system-no-57:~/Desktop/21/unix$ git commit -m "Branch1: organised c files"
[branch1 155cac5] Branch1: organised c files
5 files changed, 0 insertions(+), 0 deletions(-)
rename Fibonacci.c => c_files/Fibonacci.c (100%)
rename driver.c => c_files/driver.c (100%)
rename er.c => c_files/er.c (100%)
rename err.c => c_files/err.c (100%)
rename prime.c => c_files/prime.c (100%)
student@system-no-57:~/Desktop/21/unix$ git add .
student@system-no-57:~/Desktop/21/unix$ git checkout master
Switched to branch 'master'
student@system-no-57:~/Desktop/21/unix$ git merge branch1
Updating ca53b2e..155cac5
Fast-forward
 Fibonacci.c => c_files/Fibonacci.c | 0
 driver.c => c_files/driver.c | 0
 er.c => c_files/er.c | 0
 err.c => c_files/err.c | 0
 prime.c => c_files/prime.c | 0
5 files changed, 0 insertions(+), 0 deletions(-)
rename Fibonacci.c => c_files/Fibonacci.c (100%)
rename driver.c => c_files/driver.c (100%)
rename er.c => c_files/er.c (100%)
rename err.c => c_files/err.c (100%)
rename prime.c => c_files/prime.c (100%)
student@system-no-57:~/Desktop/21/unix$ git remote add origin https://github.com/rahboddeda/unix_lab.git
fatal: remote origin already exists.
student@system-no-57:~/Desktop/21/unix$ git remote remove origin
student@system-no-57:~/Desktop/21/unix$ git remote add origin https://github.com/rahboddeda/unix_lab.git
student@system-no-57:~/Desktop/21/unix$ git push -u origin master
Username for 'https://github.com':
rahboddedaPassword for 'https://github.com':
remote: Repository not found.
fatal: Authentication failed for 'https://github.com/rahboddeda/unix_lab.git/'
student@system-no-57:~/Desktop/21/unix$ git push -u origin master
Username for 'https://github.com': rahboddeda
Password for 'https://rahboddeda@github.com':
```

```
Activities Terminal Apr 3 16:14 student@system-no-57: ~/Desktop/21/unix

rename Fibonacci.c => c_files/Fibonacci.c (100%)
rename driver.c => c_files/driver.c (100%)
rename er.c => c_files/er.c (100%)
rename err.c => c_files/err.c (100%)
rename prime.c => c_files/prime.c (100%)
student@system-no-57:~/Desktop/21/unix$ git add .
student@system-no-57:~/Desktop/21/unix$ git checkout master
Switched to branch 'master'
student@system-no-57:~/Desktop/21/unix$ git merge branch1
Updating ca53b2e..155cac5
Fast-forward
 Fibonacci.c => c_files/Fibonacci.c | 0
 driver.c => c_files/driver.c | 0
 er.c => c_files/er.c | 0
 err.c => c_files/err.c | 0
 prime.c => c_files/prime.c | 0
5 files changed, 0 insertions(+), 0 deletions(-)
rename Fibonacci.c => c_files/Fibonacci.c (100%)
rename driver.c => c_files/driver.c (100%)
rename er.c => c_files/er.c (100%)
rename err.c => c_files/err.c (100%)
rename prime.c => c_files/prime.c (100%)
student@system-no-57:~/Desktop/21/unix$ git remote add origin https://github.com/rahboddeda/unix_lab.git
fatal: remote origin already exists.
student@system-no-57:~/Desktop/21/unix$ git remote remove origin
student@system-no-57:~/Desktop/21/unix$ git remote add origin https://github.com/rahboddeda/unix_lab.git
student@system-no-57:~/Desktop/21/unix$ git push -u origin master
Username for 'https://github.com':
rahboddedaPassword for 'https://github.com':
remote: Repository not found.
fatal: Authentication failed for 'https://github.com/rahboddeda/unix_lab.git/'
student@system-no-57:~/Desktop/21/unix$ git push -u origin master
Username for 'https://github.com': rahboddeda
Password for 'https://rahboddeda@github.com':
Enumerating objects: 34, done.
Counting objects: 100% (34/34), done.
Delta compression using up to 12 threads
Compressing objects: 100% (34/34), done.
Writing objects: 100% (34/34), 1.56 MiB | 572.00 KiB/s, done.
Total 34 (delta 5), reused 0 (delta 0)
remote: Resolving deltas: 100% (5/5), done.
To https://github.com/rahboddeda/unix_lab.git
 * [new branch] master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
student@system-no-57:~/Desktop/21/unix$
```