NAME : **VEERAJA VEERAESH**   GROUP MATE : **ANUMANDLA PAVAN**

ROLLNO : **422180**   ROLL NO : **422178**

username**: papergrid**   Username**: unixlab8**

1) Create a project under CVS/git repository and record multiple versions/branchesand practice merging of branches (with a batch of 2 members) using gitbash commands and upload all your previous lab tasks to this repository . GithubLink

SCREEN SHOTS:

```
(base) veeraja@veeraja-VirtualBox:~$ cd Desktop
(base) veeraja@veeraja-VirtualBox:~/Desktop$ git clone https://github.com/Veeraja-Veeraesh/UNIX_LAB.git
Cloning into 'UNIX_LAB'...
warning: You appear to have cloned an empty repository.
(base) veeraja@veeraja-VirtualBox:~/Desktop$ cd UNIX_LAB/
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git status
On branch main

No commits yet

nothing to commit (create/copy files and use "git add" to track)
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git checkout -b branch_2
Switched to a new branch 'branch_2'
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git branch
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git status
On branch branch_2

No commits yet

nothing to commit (create/copy files and use "git add" to track)
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ mkdir 422180_Lab
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git status
On branch branch_2

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        422180_Lab/

nothing added to commit but untracked files present (use "git add" to track)
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git add .
```

```
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git commit -m "Uploaded Unix Lab Assignments of 422180"
[branch_2 (root-commit) d4250a7] Uploaded Unix Lab Assignments of 422180
 42 files changed, 955 insertions(+)
 create mode 100644 422180_Lab/cities.txt
 create mode 100644 422180_Lab/day-temp.txt
 create mode 100644 422180_Lab/forgrep.txt
 create mode 100644 422180_Lab/foruniq.txt
 create mode 100755 422180_Lab/grepscript.sh
 create mode 100644 422180_Lab/months.txt
 create mode 100644 422180_Lab/numbers.txt
 create mode 100755 422180_Lab/week4/awk_command.sh
 create mode 100755 422180_Lab/week4/awk_command.txt
 create mode 100644 422180_Lab/week4/awk_outputs.txt
 create mode 100644 422180_Lab/week4/cpio_archive.cpio
 create mode 100755 422180_Lab/week4/cpio_command.sh
 create mode 100755 422180_Lab/week4/cpio_command.txt
 create mode 100644 422180_Lab/week4/cpio_output.txt
 create mode 100644 422180_Lab/week4/file1.txt
 create mode 100755 422180_Lab/week4/sed_command.sh
 create mode 100755 422180_Lab/week4/sed_command.txt
 create mode 100644 422180_Lab/week4/sed_output.txt
 create mode 100644 422180_Lab/week4/tar_command.sh
 create mode 100755 422180_Lab/week4/tar_command.txt
 create mode 100644 422180_Lab/week4/tar_output.txt
 create mode 100644 422180_Lab/week4/week4_folder1/file1.txt
 create mode 100644 422180_Lab/week4/week_4_folder1.tar.gz
 create mode 100644 422180_Lab/week4/week_4_folder1_extracted/week4_folder1/file1.txt
 create mode 100644 422180_Lab/week4/week_4_folder1_extracted/week4_folder1/file2.txt
 create mode 100755 422180_Lab/week5/eg_dynamic.so
 create mode 100644 422180_Lab/week5/eg_static.a
 create mode 100644 422180_Lab/week5/fact.c
 create mode 100644 422180_Lab/week5/fact_obj.o
 create mode 100644 422180_Lab/week5/head.h
 create mode 100644 422180_Lab/week5/main.c
 create mode 100644 422180_Lab/week5/main_obj.o
 create mode 100755 422180_Lab/week5/main_res_dyn
 create mode 100755 422180_Lab/week5/main_result
 create mode 100644 422180_Lab/week5/sum.c
 create mode 100644 422180_Lab/week5/sum_obj.o
 create mode 100755 422180_Lab/week6/a.out
 create mode 100644 422180_Lab/week6/gdb_prog2.c
 create mode 100644 422180_Lab/week6/seg1_string.c
 create mode 100755 422180_Lab/week6/seg1out
 create mode 100755 422180_Lab/week6/seg1out2
 create mode 100644 422180_Lab/week9.txt
```

```
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git remote -v
origin  https://github.com/Veeraja-Veeraesh/UNIX_LAB.git (fetch)
origin  https://github.com/Veeraja-Veeraesh/UNIX_LAB.git (push)
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git remote set-url origin https://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@github.com/Veeraja-Veeraesh/
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git push origin branch_2
remote: Permission to Veeraja-Veeraesh/UNIX_LAB.git denied to Veeraja-Veeraesh.
fatal: unable to access 'https://github.com/Veeraja-Veeraesh/UNIX_LAB.git/': The requested URL returned error: 403
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ ^C
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git remote set-url origin https://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@github.com/Veeraja-Veeraesh/
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git remote -v
origin  https://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@github.com/Veeraja-Veeraesh/UNIX_LAB.git/ (fetch)
origin  https://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@github.com/Veeraja-Veeraesh/UNIX_LAB.git/ (push)
(base) veeraja@veeraja-VirtualBox:~/Desktop/UNIX_LAB$ git push origin branch_2
Enumerating objects: 46, done.
Counting objects: 100% (46/46), done.
Delta compression using up to 3 threads
Compressing objects: 100% (39/39), done.
Writing objects: 100% (46/46), 27.00 KiB | 1.23 MiB/s, done.
Total 46 (delta 9), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (9/9), done.
To https://github.com/Veeraja-Veeraesh/UNIX_LAB.git/
 * [new branch]      branch_2 -> branch_2
```