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SEC : A

TITLE : UNIX ASSIGNMENT – CREATING AND ADDING INTO GIT REPOSITORY

1) REPOSITORY 1: NAME – Unix_Assignments

```
(base) student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd git_repo
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ ls
awk_out.txt  awk.sh  file1.txt  file2.txt  LinkedList.c  NQueens_Static  sed_out.txt  sed.sh  tar_out.txt  tar.sh
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git init
Reinitialized existing Git repository in /home/student/Desktop/git_repo/.git/
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git add .
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git checkout -b version1
Switched to a new branch 'version1'
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ ls
awk_out.txt  awk.sh  file1.txt  file2.txt  LinkedList.c  NQueens_Static  sed_out.txt  sed.sh  tar_out.txt  tar.sh
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mkdir awk
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mv awk.sh awk_out.txt awk
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mkdir sed
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mv sed.sh sed_out.txt sed
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mkdir tar
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mv tar.sh tar_out.txt tar
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ ls
awk  file1.txt  file2.txt  LinkedList.c  NQueens_Static  sed  tar
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ mv file1.txt file2.txt awk
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ ls
awk  LinkedList.c  NQueens_Static  sed  tar
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git checkout master
A      LinkedList.c
A      NQueens_Static/Build_And_Run.sh
A      NQueens_Static/NQueens.c
A      NQueens_Static/main.c
A      NQueens_Static/push_pop.c
D      awk.sh
D      file1.txt
D      file2.txt
D      sed.sh
Switched to branch 'master'
(base) student@ai-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git checkout version1
A      LinkedList.c
A      NQueens_Static/Build_And_Run.sh
A      NQueens_Static/NQueens.c
A      NQueens_Static/main.c
A      NQueens_Static/push_pop.c
D      awk.sh
D      file1.txt
D      file2.txt
D      sed.sh
Switched to branch 'version1'
```

```

Switched to branch 'version1'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git add .
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git commit -m "version1 changes to master"
[version1 45beb3e] version1 changes to master
13 files changed, 403 insertions(+)
create mode 100644 LinkedList.c
create mode 100644 NQueens_Static/Build_And_Run.sh
create mode 100644 NQueens_Static/NQueens.c
create mode 100644 NQueens_Static/main.c
create mode 100644 NQueens_Static/push_pop.c
rename awk.sh => awk/awk.sh (100%)
create mode 100644 awk/awk_out.txt
rename file1.txt => awk/file1.txt (100%)
rename file2.txt => awk/file2.txt (100%)
rename sed.sh => sed/sed.sh (100%)
create mode 100644 sed/sed_out.txt
create mode 100644 tar/tar.sh
create mode 100644 tar/tar_out.txt
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git checkout master
Switched to branch 'master'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git remote add origin https://github.com/PARDHU-KADAMBARI/Unix_Assignments.git
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git -u push origin master
unknown option: -u
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
      [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
      [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
      [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
      <command> [<args>]
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git push -u origin master
Username for 'https://github.com': PARDHU-KADAMBARI
Password for 'https://PARDHU-KADAMBARI@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on c
urrently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/PARDHU-KADAMBARI/Unix_Assignments.git/'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git push -u origin master
Username for 'https://github.com': PARDHU-KADAMBARI
Password for 'https://PARDHU-KADAMBARI@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 808 bytes | 808.00 KiB/s, done.
Writing objects: 100% (6/6), 808 bytes | 808.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0)
To https://github.com/PARDHU-KADAMBARI/Unix_Assignments.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$

```

REPOSITORY CREATED :

The screenshot shows the GitHub interface for a repository named 'Unix_Assignments', which is public. The repository is owned by 'svpkumar'. It shows 1 branch (master) and 0 tags. The commit history is displayed, showing an initial commit by 'svpkumar' 2 hours ago, which includes files 'awk.sh', 'file1.txt', 'file2.txt', and 'sed.sh'. The repository has 1 commit in total.

2) second repository : NAME – Unix_Lab

```
nothing added to commit but untracked files present (use "git add" to track)
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git commit -m "init_commit"
On branch master
```

Initial commit

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    LinkedList.c
    NQueens_Static/
    awk.sh
    awk_out.txt
    file1.txt
    file2.txt
    sed.sh
    sed_out.txt
    tar.sh
    tar_out.txt
```

```
nothing added to commit but untracked files present (use "git add" to track)
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/PARDHU-KADAMBARI/Unix_Lab.git'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ ls
awk_out.txt  awk.sh  file1.txt  file2.txt  LinkedList.c  NQueens_Static  sed_out.txt  sed.sh  tar_out.txt  tar.sh
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git init
Reinitialized existing Git repository in /home/student/Desktop/git_repo/Unix_Lab/.git/
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git add .
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git status
On branch master
```

No commits yet

```
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   LinkedList.c
    new file:   NQueens_Static/Build_And_Run.sh
    new file:   NQueens_Static/NQueens.c
    new file:   NQueens_Static/main.c
    new file:   NQueens_Static/push_pop.c
    new file:   awk.sh
    new file:   awk_out.txt
    new file:   file1.txt
    new file:   file2.txt
```

```
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop$ cd git_repo
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ git clone https://github.com/PARDHU-KADAMBARI/Unix_Lab.git
Cloning into 'Unix_Lab'...
warning: You appear to have cloned an empty repository.
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ ls
awk_out.txt  awk.sh  file1.txt  file2.txt  LinkedList.c  NQueens_Static  sed_out.txt  sed.sh  tar_out.txt  tar.sh  Unix_Lab
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo$ cd Unix_Lab
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git status
On branch master
```

No commits yet

```
nothing to commit (create/copy files and use "git add" to track)
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git add .
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git status
On branch master
```

No commits yet

```
nothing to commit (create/copy files and use "git add" to track)
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ ^C
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git add .
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git status
On branch master
```

No commits yet

```
nothing to commit (create/copy files and use "git add" to track)
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git status
On branch master
```

No commits yet

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    LinkedList.c
    NQueens_Static/
    awk.sh
    awk_out.txt
    file1.txt
    file2.txt
    sed.sh
    sed_out.txt
    tar.sh
    tar_out.txt
```

```

    new file:   sed.sh
    new file:   sed_out.txt
    new file:   tar.sh
    new file:   tar_out.txt

(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git commit -m "init_commit"
[master (root-commit) f91625a] init_commit
13 files changed, 456 insertions(+)
create mode 100644 LinkedList.c
create mode 100644 NQueens_Static/Build_And_Run.sh
create mode 100644 NQueens_Static/NQueens.c
create mode 100644 NQueens_Static/main.c
create mode 100644 NQueens_Static/push_pop.c
create mode 100644 awk.sh
create mode 100644 awk_out.txt
create mode 100644 file1.txt
create mode 100644 file2.txt
create mode 100644 sed.sh
create mode 100644 sed_out.txt
create mode 100644 tar.sh
create mode 100644 tar_out.txt
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git status
On branch master
Your branch is based on 'origin/master', but the upstream is gone.
    (use "git branch --unset-upstream" to fixup)

nothing to commit, working tree clean
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/PARDHU-KADAMBARI/Unix_Lab.git'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin
Username for 'https://github.com': PARDHU-KADAMBARI
Password for 'https://PARDHU-KADAMBARI@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/PARDHU-KADAMBARI/Unix_Lab.git/'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git remote set-url origin https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git remote set-url origin https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q@github.com/PARDHU-KADAMBARI/Unix_Lab
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q@github.com/PARDHU-KADAMBARI/Unix_Lab'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git remote set-url origin https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin main

```

```

error: src refspec main does not match any
error: failed to push some refs to 'https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q@github.com/PARDHU-KADAMBARI/Unix_Lab'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git remote set-url origin https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q'
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin
fatal: unable to access 'https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q/': Could not resolve host: ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git remote set-url origin https://ghp_uFUVFY1xkHQmrdiJeqqWlwsjNZwTCj19880q@github.com/PARDHU-KADAMBARI/Unix_Lab
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$ git push origin
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 12 threads
Compressing objects: 100% (16/16), done.
Writing objects: 100% (16/16), 3.35 KiB | 110.00 KiB/s, done.
Total 16 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/PARDHU-KADAMBARI/Unix_Lab
 * [new branch]      master -> master
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/git_repo/Unix_Lab$

```

REPOSITORY CREATED :

master 1 Branch 0 Tags

Go to file

Add file

Code

svpkumar init_commit f91625a · 12 minutes ago 1 Commits

NQueens_Static	init_commit	12 minutes ago
LinkedList.c	init_commit	12 minutes ago
awk.sh	init_commit	12 minutes ago
awk_out.txt	init_commit	12 minutes ago
file1.txt	init_commit	12 minutes ago
file2.txt	init_commit	12 minutes ago
sed.sh	init_commit	12 minutes ago
sed_out.txt	init_commit	12 minutes ago
tar.sh	init_commit	12 minutes ago
tar_out.txt	init_commit	12 minutes ago