UNIX ASSIGNMENT :5
NAME :AKSHAY CHINNU
SECTION:A
ROLL NUMBER:422141

QUESTIONS:

1. Using SSH command execute the three programs on two different machines.

code:

```
student@ai-HP-ProDesk-600-G4-MT: ~$
student@at-HP-ProDesk-600-G4-MT:~$ ssh student@172.50.13.31
The authenticity of host '172.50.13.31 (172.50.13.31)' can't be established.
ECDSA key fingerprint is SHA256:Hin1VM+WbQ1Q419ZLOMkHinI6s4Zq/QTeEJTd10XEU.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes Warning: Permanently added '172.50.13.31' (ECDSA) to the list of
    known hosts. student@172.50.13.31's password:
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.8.0-59- generic x86_64)
* Documentation:  https://help.ubuntu.com
* Management:     https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage


637 updates can be applied immediately.
496 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
New release '22.04.3 LTS' available.
Run 'do-release-upgrade to upgrade to it.
Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Mar 28 15:56:01 2024 from 172.50.1.255
student@ai-HP-ProDesk-600-G4-MT:~$ cd student -422141
student@ai-HP-ProDesk-600-G4-MT:~/student-422141$ gcc selectionsort.c student@ai-HP-ProDesk-600-G4-MT:~/student-422141$ ./a.out
2
4
6
7
32
45
753
student@ai-HP-ProDesk-600-G4-MT: ~/student-422141$ gcc hashtable.c hashtable.c: In function 'insert': hashtable.c: 13:24:
error: expected ')' before '! token
13 | while(table[index].key! =- 1)(
   |
   |
student@ai-P-ProDesk-600-G4-MT:~/student -422141$ gcc hello.c student@ai-HP-ProDesk-600-G4-MT:~/student-422141$ ./a.out
Hello. world!
student@ai-HP-ProDesk-600-G4-MT: ~/student-422141$ gcc evenorodd.c student@ai-HP-ProDesk-600-G4-MT:~/student-422141$ ./a.out
enter an integer: 6
the number 6 is evenstudent@ai-HP-ProDesk-600-G4-MT: ~/student-422141$
```
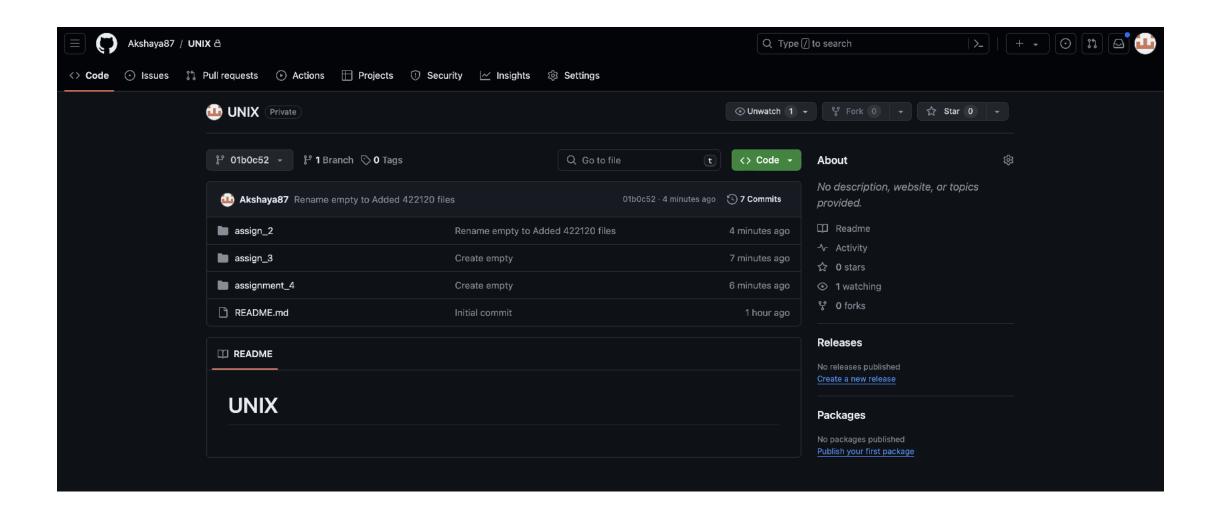
```
student@ai-HP-ProDesk-600-G4-MT:~$ ssh student@172.50.13.31
The authenticity of host '172.50.13.31 (172.50.13.31)'
can't be established.
ECDSA key fingerprint is SHA256:HinlVM+WbQ1Q419ZlOMkHinI6s4Zq/QTeEJTd10XGEU.
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Run 'do-release-upgrade' to upgrade to it.
Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Mar 28 16:33:34 2024 from 172.50.1.256
student@ai-HP-ProDesk-600-G4-MT:~$ 15
01. PY
422141-unix
Client_arp.class
Client_arp. java
'621209
question 7.py'
Clientarp. java
'621209 quesyion8.py'
Clientrarp
622250
Clientrarp.class
8_puzzle.py
Clientrarp. java
abc. py
code
add.pl
conio.h
Al_assign_4.py
containnum.pl
AIlab3_Q1.py
crc.class
anaconda3
crc. java
a.out append.pl
CRC. PY
dbms_lab3.
_91.sql
area.py
dbms_lab3_q3.sql
assign_5
Desktop
assign_5.hi
```

2.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 .

code:

```
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop student@at-HP-ProDesk-600-G4-MT: ~/Desktop$ Ls
422141-py BitStuffing. java
UNIX
student@at-HP-ProDesk-600-G4-MT:~/Desktop$ cd UNIX
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git status

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git checkout -b "branch422141"
Switched to a new branch 'branch422141'
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git status
On branch branch422141

No commits yet

Untracked files:
(use "git add ‹file›..." to include in what will be committed)
Assignennt2/
Assignment3/
Assignment 4/
nothing added to commit but untracked files present (use "git add" to track)
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git add .
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git commit - m "Added 422141 files"
[branch422141 (root-commit) e9c387] Added 422141 files
12 files changed, 429 insertions(+)
create mode 100644 Assignemnt2/awk.sh
create mode 100644 Assignemnt2/awk.txt
create mode 100644 Assignemnt2/cpio.sh
create mode 100644 Assignemnt2/cpio_out.txt
create mode 100644 Assignemnt2/sed.sh
create mode 100644 Assignemnt2/sed.txt
create mode 100644 Assignemnt2/tar.sh
create mode 100644 Assignemnt2/tarout. txt
create mode 100644 Assignment3/Butld _And Run.sh
create mode 100644 Assignment/Queens2. txt
create mode 100644 Assignment3/unix. jpg
create mode 100644 Assignment/UNIX ASSIGNMENT.pdf
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git push origin branch422141
Username for 'https://github.com': ^C
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git remote - v origin
https://github.com//UNIX.git (fetch)
origin https://github.com/Akshaya87/UNIX (push)
```

```
create mode 100644 Assignment3/unix. jpg create mode 100644 Assignment/UNIX ASSIGNMENT4.pdf
student@at-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git push origin branch422141
Username for 'https://github.com': *C
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/UNIX$ git remote -v origin https://github. com/Akshaya87/UNIX.git (fetch) origin
    https://github.com/Akshaya87/UNIX.git (push)
student@at-up-ProDesk-600-G4-MT:~/Desktop/UNIXS git remote set-ur https://gh_EXbofEGZkuNGVxR4HSTCBU9qdsHB6q1NbeuF@github.com/C-Akshaya87/UNIX
usage: git remote set-url [--push] «name» «newurl» [<oldurl>] or: git remote set-url
--add <name> <newurl>
or: git remote set-url - delete <name> <url»
- push               manipulate push URLS
- - add              add URL
- -delete            delete URLS

student@at-HP-ProDesk-600-G4-T:-/Desktop/UNIX$ git remote set-url origin https://gh_EXbOfEGZkuN6VxR4HS7CBu9qdsHB6q1NbeuF@github.
    com/Akshaya87/UNIX.git/
student@at-HP-ProDesk-600-G4-MT:-/Desktop/UNIX$ git push origin
branch422141
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 12 threads
Compressing objects: 100% (16/16), done.
Writing objects: 100% (17/17), 1.28 MiB | 541.00 KiB/s, done.
Total 17 (delta 1), reused 0 (delta 0) remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Akshaya87/UNIX.git/
* [new branch]     branch422141 -> branch422141
student@at-HP-ProDesk-600-G4-MT:-/Desktop/UNIX$ git add .
student@at-Hp-ProDesk-600-G4-MT:-/Desktop/UNIXS git commit -m "Added  422141 Asstgnment1"
[branch422141 6720056] Added 422141 Assignment1
1 file changed, 0 insertions+), O deletions (-)
create mode 100644 First422180.pdf
student@at-p-ProDesk-600-G4-MT:-/Desktop/UNIX$ git push origin branch422141
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
 Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 406.43 KiB | 25.40 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github. com/Akshaya87/UNIX.git/ e9c3c87..6720056 branch422141 -> branch422141
student@at-HP-ProDesk-600-G4-MT:-/Desktop/UNIX$ |
```

Akshaya87 / UNIX

<> Code ⊙ Issues ⫝ Pull requests ⊙ Actions ⊞ Projects ⊙ Security ⊯ Insights ⚙ Settings

UNIX Private

⊙ Unwatch 1 ▾   ⫝ Fork 0 ▾   ☆ Star 0 ▾

⫝ 01b0c52 ▾   ⫝ 1 Branch ⊙ 0 Tags   Go to file t   <> Code ▾

About

Akshaya87 Rename empty to Added 422120 files   01b0c52 · 4 minutes ago   ⊙ 7 Commits

No description, website, or topics provided.

📁 assign_2	Rename empty to Added 422120 files	4 minutes ago
📁 assign_3	Create empty	7 minutes ago
📁 assignment_4	Create empty	6 minutes ago
📄 README.md	Initial commit	1 hour ago

⊞ Readme
⊹ Activity
☆ 0 stars
⊙ 1 watching
⫝ 0 forks

📖 README

UNIX

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

work♥done by
422141 and 422120