

SOURCE REPOSITORY ASSIGNMENT-1

NAME : SUVETHA V

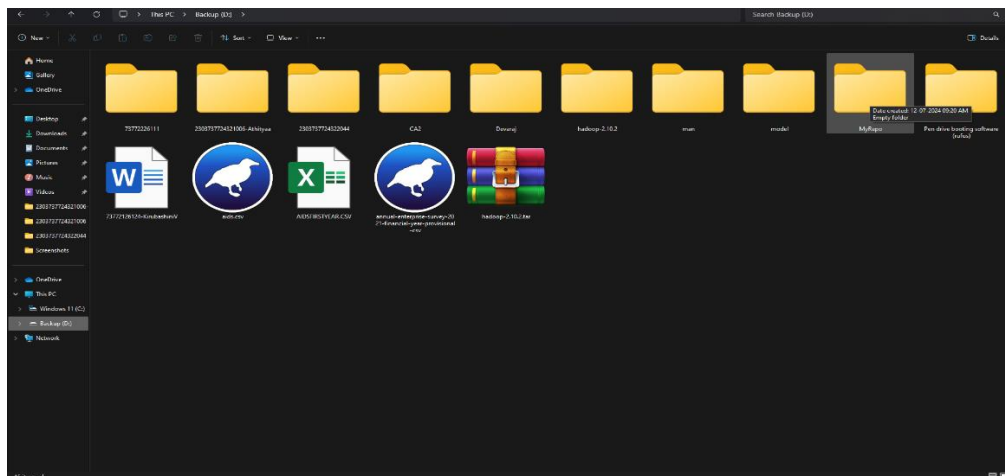
BRANCH : COMPUTER SCIENCE AND ENGINEERING

REG NO : 73772114218

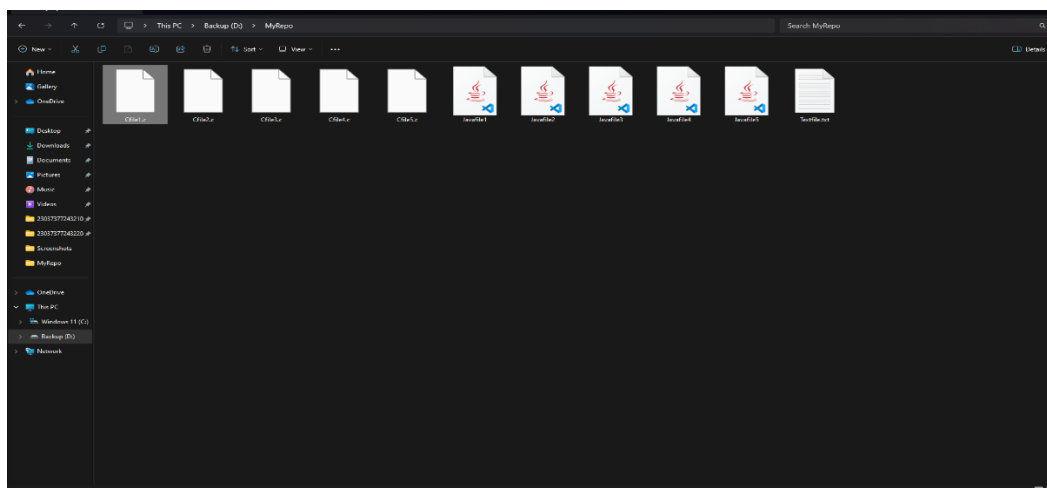
EMAIL : suvethavelusamy697@gmail.com

GIT LAB:

1. Create a local git repo with the name "MyRepo".



2. create one .txt file, five .c files and five .java files in the working area.



3. Verify the git status

```
gitcmd
x + -
C:\Users\User>D:
D:\>cd MyRepo
D:\MyRepo>git init
Initialized empty Git repository in D:/MyRepo/.git/
D:\MyRepo>git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cfile1.c
        Cfile2.c
        Cfile3.c
        Cfile4.c
        Cfile5.c
        Javafile1.java
        Javafile2.java
        Javafile3.java
        Javafile4.java
        Javafile5.java
        Textfile.txt.txt
nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>
```

4. Add only the .txt into the staging area

```
gitcmd
x + -
C:\Users\User>D:
D:\>cd MyRepo
D:\MyRepo>git init
Reinitialized existing Git repository in D:/MyRepo/.git/
D:\MyRepo>git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cfile1.c
        Cfile2.c
        Cfile3.c
        Cfile4.c
        Cfile5.c
        Javafile1.java
        Javafile2.java
        Javafile3.java
        Javafile4.java
        Javafile5.java
        Textfile.txt
nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add Textfile.txt
D:\MyRepo>
```

5. verify the git status

```
gitcmd
x + -
D:\>cd MyRepo
D:\MyRepo>git init
Reinitialized existing Git repository in D:/MyRepo/.git/
D:\MyRepo>git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cfile1.c
        Cfile2.c
        Cfile3.c
        Cfile4.c
        Cfile5.c
        Javafile1.java
        Javafile2.java
        Javafile3.java
        Javafile4.java
        Javafile5.java
        Textfile.txt
nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add Textfile.txt
D:\MyRepo>git status
On branch master
No commits yet
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Textfile.txt
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Cfile1.c
        Cfile2.c
        Cfile3.c
        Cfile4.c
        Cfile5.c
        Javafile1.java
        Javafile2.java
        Javafile3.java
        Javafile4.java
        Javafile5.java
D:\MyRepo>
```

6. Make a commit with the name "TXT Commit"

```
TextFile.txt
nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add TextFile.txt
D:\MyRepo>git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   TextFile.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        C:\a\c
        C:\a\c
        C:\a\c
        C:\a\c
        C:\a\c
        C:\a\c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m "TXT Commit"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'User@AIDS-LAB-17.(none)')
D:\MyRepo>git config --global user.name "suvetha"
D:\MyRepo>git config --global user.email "suvethaluxamy97@gmail.com"
D:\MyRepo>git commit -m "TXT Commit"
[master (root-commit) ac76372] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 TextFile.txt
D:\MyRepo>
```

7. Add all .c files into the staging area

```
nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add TextFile.txt
D:\MyRepo>git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   TextFile.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        C:\a\c
        C:\a\c
        C:\a\c
        C:\a\c
        C:\a\c
        C:\a\c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m "TXT Commit"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'User@AIDS-LAB-17.(none)')
D:\MyRepo>git config --global user.name "suvetha"
D:\MyRepo>git config --global user.email "suvethaluxamy97@gmail.com"
D:\MyRepo>git commit -m "TXT Commit"
[master (root-commit) ac76372] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 TextFile.txt
D:\MyRepo>git add *.c
D:\MyRepo>
```

8. verify the git status

```
C:\a\c
JavaFile1.java
JavaFile2.java
JavaFile3.java
JavaFile4.java
JavaFile5.java

D:\MyRepo>git commit -m "TXT Commit"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'User@AIDS-LAB-17.(none)')
D:\MyRepo>git config --global user.name "suvetha"
D:\MyRepo>git config --global user.email "suvethaluxamy97@gmail.com"
D:\MyRepo>git commit -m "TXT Commit"
[master (root-commit) ac76372] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 TextFile.txt
D:\MyRepo>git add *.c
D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   C:\a\c
        new file:   C:\a\c
        new file:   C:\a\c
        new file:   C:\a\c
        new file:   C:\a\c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>
```

9. Make a commit with the name "C Commit"

```
D:\src> git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'User@AIDS-LAB-17.(none)')

D:\MyRepo> git config --global user.name "suvetha"
D:\MyRepo> git config --global user.email "suvethavelusamy697@gmail.com"

D:\MyRepo> git commit -m "TXT Commit"
[master (root-commit) ac76372] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

D:\MyRepo> git add *.c

D:\MyRepo> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)

    new file:   CFile1.c
    new file:   CFile2.c
    new file:   CFile3.c
    new file:   CFile4.c
    new file:   CFile5.c

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

    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo> git commit -m "C Commit"
[master f028ae3] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo>
```

10. Add all .java files into the staging area

```
D:\src> git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'User@AIDS-LAB-17.(none)')

D:\MyRepo> git config --global user.name "suvetha"
D:\MyRepo> git config --global user.email "suvethavelusamy697@gmail.com"

D:\MyRepo> git commit -m "TXT Commit"
[master (root-commit) ac76372] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

D:\MyRepo> git add *.c

D:\MyRepo> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)

    new file:   CFile1.c
    new file:   CFile2.c
    new file:   CFile3.c
    new file:   CFile4.c
    new file:   CFile5.c

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

    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo> git commit -m "C Commit"
[master f028ae3] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo> git add *.java

D:\MyRepo>
```

11. verify the git status

```
D:\src> git config --global user.name "suvetha"
D:\MyRepo> git config --global user.email "suvethavelusamy697@gmail.com"

D:\MyRepo> git commit -m "TXT Commit"
[master (root-commit) ac76372] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

D:\MyRepo> git add *.c

D:\MyRepo> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)

    new file:   CFile1.c
    new file:   CFile2.c
    new file:   CFile3.c
    new file:   CFile4.c
    new file:   CFile5.c

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

    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo> git commit -m "C Commit"
[master f028ae3] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo> git add *.java

D:\MyRepo> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)

    new file:   JavaFile1.java
    new file:   JavaFile2.java
    new file:   JavaFile3.java
    new file:   JavaFile4.java
    new file:   JavaFile5.java

D:\MyRepo>
```

12. Make a commit with the name "Java Commit"

```

D:\MyRepo>git add *.c
D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   CFile1.c
        new file:   CFile2.c
        new file:   CFile3.c
        new file:   CFile4.c
        new file:   CFile5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m "C Commit"
[master f028ae3] C Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 CFile1.c
 create mode 100644 CFile2.c
 create mode 100644 CFile3.c
 create mode 100644 CFile4.c
 create mode 100644 CFile5.c

D:\MyRepo>git add *.java
D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   JavaFile1.java
        new file:   JavaFile2.java
        new file:   JavaFile3.java
        new file:   JavaFile4.java
        new file:   JavaFile5.java

D:\MyRepo>git commit -m "Java Commit"
[master f1a7751] Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 JavaFile1.java
 create mode 100644 JavaFile2.java
 create mode 100644 JavaFile3.java
 create mode 100644 JavaFile4.java
 create mode 100644 JavaFile5.java

D:\MyRepo>
```

13. Delete all .java files from working area



14. Now see the status

```

D:\MyRepo>git status
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m "Java Commit"
[master f1a7751] Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 JavaFile1.java
 create mode 100644 JavaFile2.java
 create mode 100644 JavaFile3.java
 create mode 100644 JavaFile4.java
 create mode 100644 JavaFile5.java

D:\MyRepo>git add *.java
D:\MyRepo>git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    JavaFile1.java
        deleted:    JavaFile2.java
        deleted:    JavaFile3.java
        deleted:    JavaFile4.java
        deleted:    JavaFile5.java

no changes added to commit (use "git add" and/or "git commit -a")

D:\MyRepo>
```

15. add the changes into the staging area

```
on cmd
  JavaFile1.java
  JavaFile2.java
  JavaFile3.java
  JavaFile4.java
  JavaFile5.java

D:\MyRepo>git commit -m "C Commit"
[master f02ba5b] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo>git add *.java

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)

        new file:   JavaFile1.java
        new file:   JavaFile2.java
        new file:   JavaFile3.java
        new file:   JavaFile4.java
        new file:   JavaFile5.java

D:\MyRepo>git commit -m "Java Commit"
[master 1a677b1] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 JavaFile1.java
create mode 100644 JavaFile2.java
create mode 100644 JavaFile3.java
create mode 100644 JavaFile4.java
create mode 100644 JavaFile5.java

D:\MyRepo>git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)

        deleted:   JavaFile1.java
        deleted:   JavaFile2.java
        deleted:   JavaFile3.java
        deleted:   JavaFile4.java
        deleted:   JavaFile5.java

no changes added to commit (use "git add" and/or "git commit -a")

D:\MyRepo>git add .

D:\MyRepo>
```

16. Make a commit with the name "Delete Java Commit"

```
on cmd
  5 files changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 CFile1.c
  create mode 100644 CFile2.c
  create mode 100644 CFile3.c
  create mode 100644 CFile4.c
  create mode 100644 CFile5.c

D:\MyRepo>git add *.java

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)

        new file:   JavaFile1.java
        new file:   JavaFile2.java
        new file:   JavaFile3.java
        new file:   JavaFile4.java
        new file:   JavaFile5.java

D:\MyRepo>git commit -m "Java Commit"
[master 1a677b1] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 JavaFile1.java
create mode 100644 JavaFile2.java
create mode 100644 JavaFile3.java
create mode 100644 JavaFile4.java
create mode 100644 JavaFile5.java

D:\MyRepo>git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)

        deleted:   JavaFile1.java
        deleted:   JavaFile2.java
        deleted:   JavaFile3.java
        deleted:   JavaFile4.java
        deleted:   JavaFile5.java

no changes added to commit (use "git add" and/or "git commit -a")

D:\MyRepo>git add .

D:\MyRepo>git commit -m "Delete Java Commit"
[master 12ba7b1] Delete Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 JavaFile1.java
delete mode 100644 JavaFile2.java
delete mode 100644 JavaFile3.java
delete mode 100644 JavaFile4.java
delete mode 100644 JavaFile5.java

D:\MyRepo>
```

17. display all commit details

```
on cmd
  create mode 100644 JavaFile1.java
  create mode 100644 JavaFile2.java
  create mode 100644 JavaFile3.java

D:\MyRepo>git status
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)

        deleted:   JavaFile1.java
        deleted:   JavaFile2.java
        deleted:   JavaFile3.java
        deleted:   JavaFile4.java
        deleted:   JavaFile5.java

no changes added to commit (use "git add" and/or "git commit -a")

D:\MyRepo>git add .

D:\MyRepo>git commit -m "Delete Java Commit"
[master 12ba7b1] Delete Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 JavaFile1.java
delete mode 100644 JavaFile2.java
delete mode 100644 JavaFile3.java
delete mode 100644 JavaFile4.java
delete mode 100644 JavaFile5.java

D:\MyRepo>git log
commit 12ba7b183a772d88e5d7b988b (HEAD -> master)
Author: suvetha <suvethalusamy97@gmail.com>
Date:   Fri Jul 12 18:01:07 2024 +0530

    Delete Java Commit

commit 1a677b1682855312d5b8c79d8c226d9d0e
Author: suvetha <suvethalusamy97@gmail.com>
Date:   Fri Jul 12 18:01:04 2024 +0530

    Java Commit

commit f02ba5b5d2d9fd2e1688ba218c8e8af6e1
Author: suvetha <suvethalusamy97@gmail.com>
Date:   Fri Jul 12 09:56:52 2024 +0530

    C Commit

commit ac767722ba175eeecf8bc3d3263b18f6c4f
Author: suvetha <suvethalusamy97@gmail.com>
Date:   Fri Jul 12 09:51:49 2024 +0530

    TXT Commit

D:\MyRepo>
```