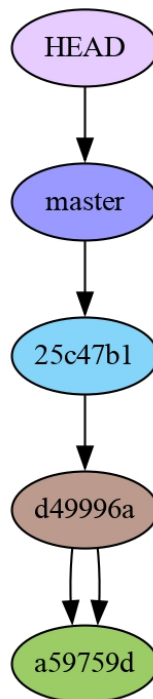# Software Tools and Technologies Lab II Assignment 1

7. Incrementally show the git graph after every commit listing the shell/git commands executed before it.

Ans:

git init
echo "Work For First Commit" ¿ f1.txt
echo "Work For First Commit" ¿ f2.txt
git add .
git commit -m "Committing for the First Time"
git graph

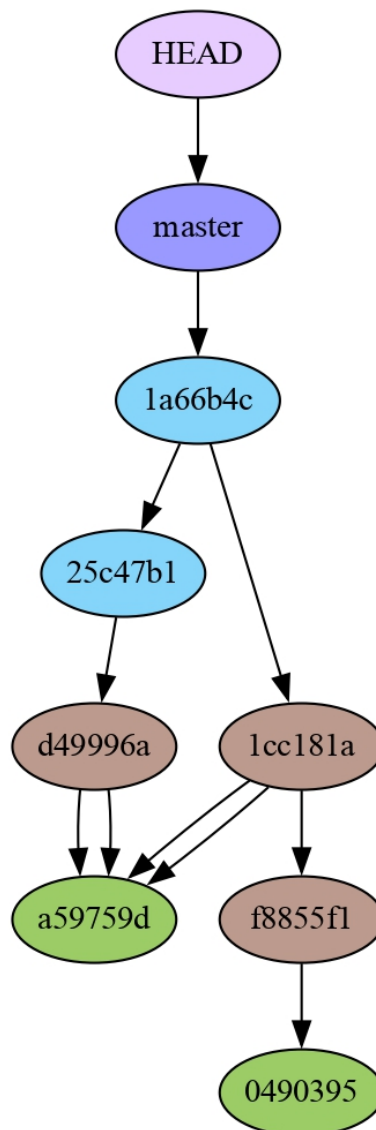After first commit, the git graph would look like:

mkdir File1
echo "Working next" ¿ File1/f3.txt

git add . git commit -m "Committing for the Second Time"
git graph

After second commit, the git graph would look like:

```
                    ┌──────┐
                    │ HEAD │
                    └──────┘
                        │
                        ▼
                   ┌────────┐
                   │ master │
                   └────────┘
                        │
                        ▼
                   ┌─────────┐
                   │ 1a66b4c │
                   └─────────┘
                     │      │
                     ▼      ▼
              ┌─────────┐   ┌─────────┐
              │ 25c47b1 │   │ 1cc181a │
              └─────────┘   └─────────┘
                   │           │
                   ▼           ▼
            ┌─────────┐   ┌─────────┐
            │ d49996a │   │ f8855f1 │
            └─────────┘   └─────────┘
                   │           │
                   ▼           ▼
            ┌─────────┐   ┌─────────┐
            │ a59759d │   │ 0490395 │
            └─────────┘   └─────────┘
```

mkdir File2
echo "Work For First Commit" ¿ File2/f4.txt
echo "GIT is a nice tool" ¿ File2/f5.txt
git add . git commit -m "Committing for the Third Time"
git graph

After second commit, the git graph would look like: