Homework: 1

Team Name: Peaky Blinders   Roll Numbers:11940150, 11940370, 11940380

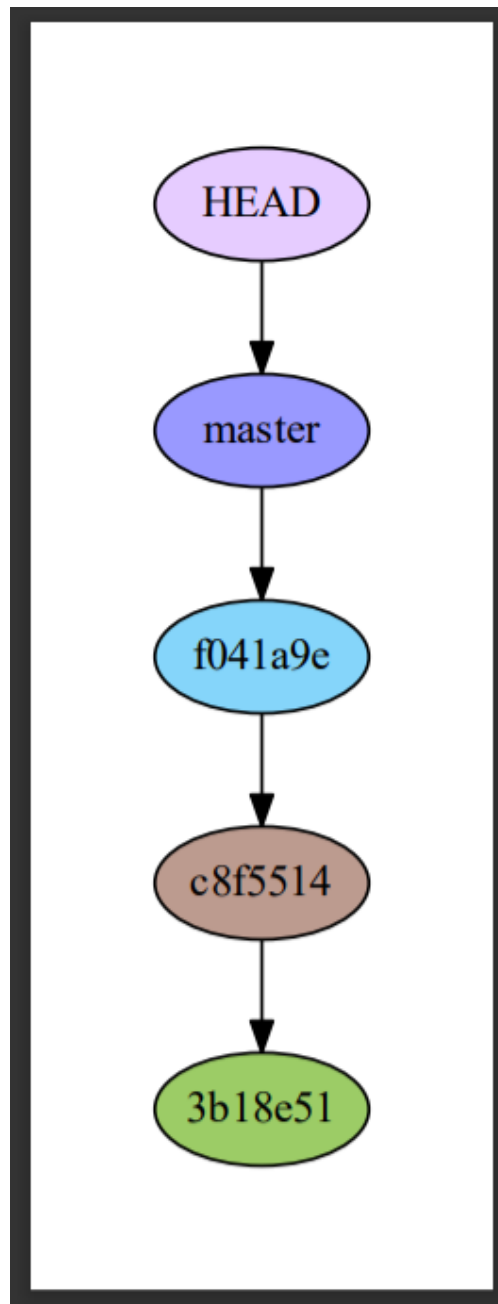**Solution of problem 4 :**

```
cd Repo/q4                          # navigating to Repo/q4
git init                            # initializing git in the repo
echo 'hello world' > file1          # creating a file named file1 with content hello world
git add file1                       # adding file1
git commit -m "1st"                 # 1st commit
git graph                           # This will show the graph after 1st commit
mkdir t1                            # making a new directory t1
echo 'hey there' > file2            # creating a file named file2 with content hey there
mv file2 t1                         # moving file2 to directory t1
git add t1                          # adding t1
git commit -m "2nd"                 # 2nd commit
git graph                           # This will show the graph after 2st commit
mkdir t2                            # creating new directory named t2
cp t1/file2 t2/file3                # copying file2 from t1 to t2 with name file3
git add t2                          # adding t2
git commit -m "3rd"                 # 3rd commit
git graph                           # This will show the graph after 3st commit
rm -r t1                            # deleting t1 directory with all it's content recursively
git add t1                          # adding t1 again
git commit -m "4th"                 # 4th commit
git graph                           # This will show the graph after 4st commit
mkdir t3                            # making a new directory t3
cp file1 t3/file4                   # copying file1 to t3 with name file4
cp t2/file3 t3/file5                # copying file3 from t2 to t3 with name file5
git add t3                          # adding t3
rm -r t2                            # deleting t2 directory with all it's content recursively
git add t2                          # adding t2 again
git commit -m "5th"                 # 5th commit
git graph                           # This will show the graph after 5st commit
rm -rf file1                        # deleting file1
git add file1                       # adding file1 again
git commit -m "6th"                 # 6th commit
git graph                           # This will show the graph after 6st commit
mkdir t4                            # making a new directory t4
cp t3/file4 t4/file6                # copying file4 from t3 to t4 with name file6
cp t3/file4 t4/file7                # copying file4 from t3 to t4 with name file7
rm -r t3                            # deleting t3 directory with all it's content recursively
git add t3                          # adding t3 again
```
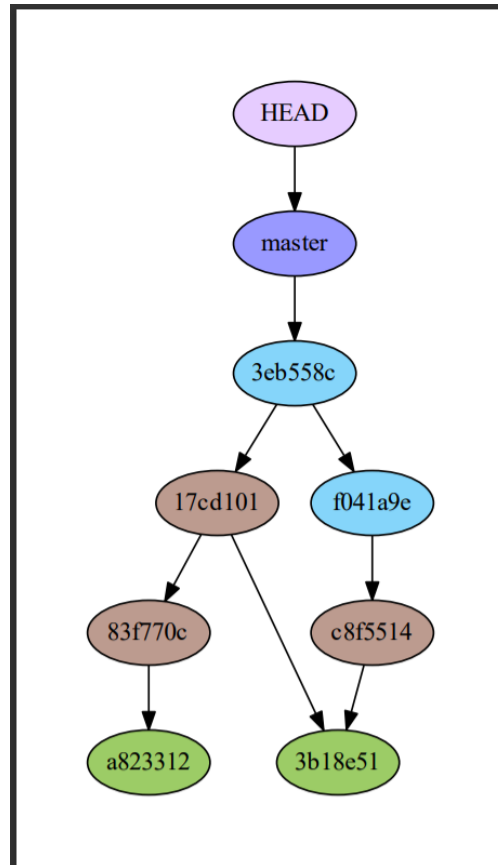
git add t4   # adding t4
git commit -m "7th"   # 7th commit
git graph   # This will show the graph after 7st commit
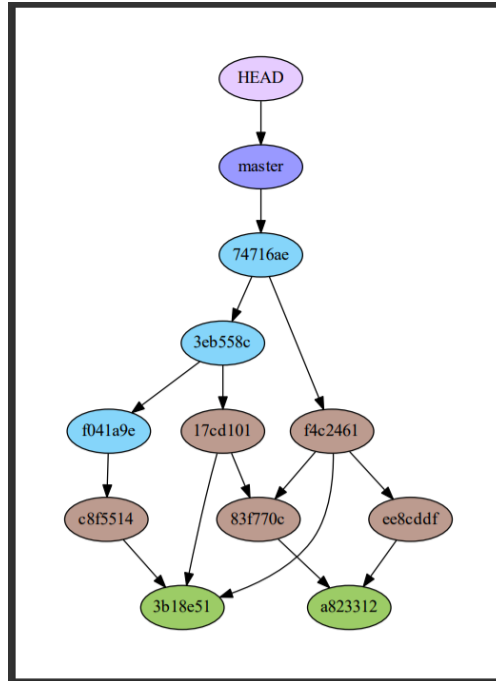
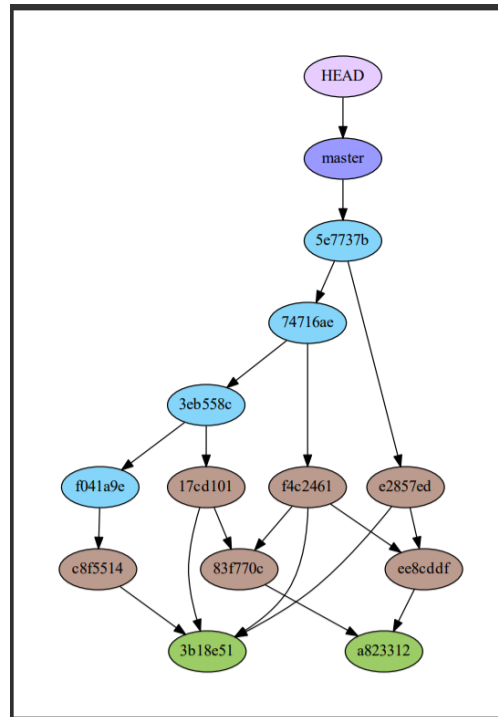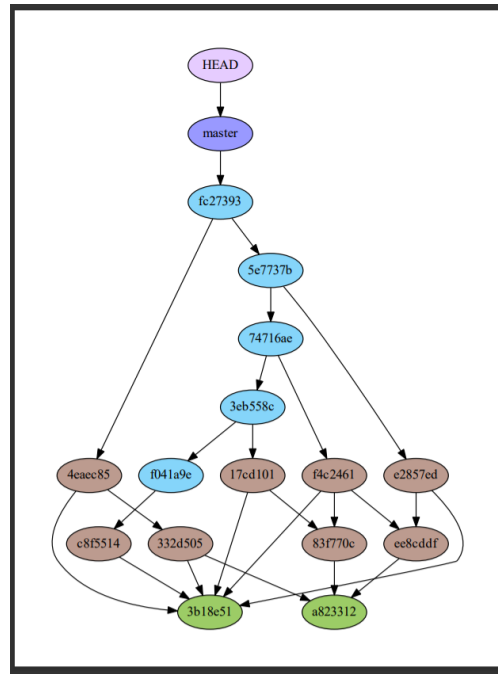**Git graph after 1st commit :**

Git graph after 2st commit :
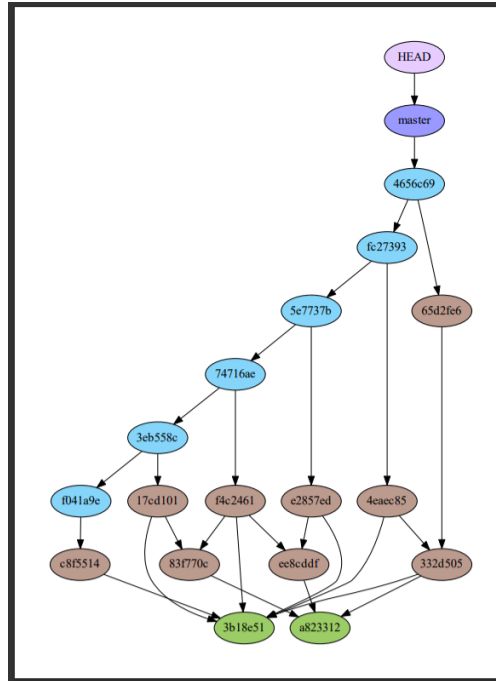
Git graph after 3st commit :

Git graph after 4st commit :

Git graph after 5st commit :

Git graph after 6st commit :

Git graph after 7st commit :