

Tasks To Be Performed:

1. Create a Git Flow workflow architecture on Git
2. Create all the required branches
3. Starting from the feature branch, push the branch to the master, following the architecture
4. Push a urgent.txt on master using hotfix

```
aws Services Search [Alt+S] N. Virginia Shanawaz Khan
ubuntu@ip-172-31-24-39:~$ mkdir assignment5
ubuntu@ip-172-31-24-39:~$ cd assignment5
ubuntu@ip-172-31-24-39:~/assignment5$ ls
ubuntu@ip-172-31-24-39:~/assignment5$ touch master.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/ubuntu/assignment5/.git/
ubuntu@ip-172-31-24-39:~/assignment5$ git add master.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git commit -m "committing master.txt"
[master (root-commit) 3923636] committing master.txt
Committer: Ubuntu <ubuntu@ip-172-31-24-39.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 master.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git branch
* master
ubuntu@ip-172-31-24-39:~/assignment5$ git branch develop
ubuntu@ip-172-31-24-39:~/assignment5$ git branch
develop
* master
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-24-39:~/assignment5$ touch develop.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git add develop.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git commit -m "committing develop.txt"
[develop 18fd40c] committing develop.txt
Committer: Ubuntu <ubuntu@ip-172-31-24-39.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git branch feature
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout feature
```

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aws  Services  Q Search [Alt+S]
ubuntu@ip-172-31-24-39:~/assignment5$ git branch feature
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout feature
Switched to branch 'feature'
ubuntu@ip-172-31-24-39:~/assignment5$ touch feature.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git add feature.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git commit -m "committing feature.txt"
[feature c5d788d] committing feature.txt
Committer: Ubuntu <ubuntu@ip-172-31-24-39.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 feature.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-24-39:~/assignment5$ git merge feature
Updating 18fd40c..c5d788d
Fast-forward
 feature.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 feature.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout master
Switched to branch 'master'

```

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aws  Services  Q Search [Alt+S]
Switched to branch 'master'
ubuntu@ip-172-31-24-39:~/assignment5$ git merge develop
Updating 3923636..c5d788d
Fast-forward
 develop.txt | 0
 feature.txt | 0
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt
create mode 100644 feature.txt
ubuntu@ip-172-31-24-39:~/assignment5$ ls
develop.txt  feature.txt  master.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git branch hotfix
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout hotfix
Switched to branch 'hotfix'
ubuntu@ip-172-31-24-39:~/assignment5$ ls
develop.txt  feature.txt  master.txt
ubuntu@ip-172-31-24-39:~/assignment5$ touch urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git add urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git commit -m "committing urgent.txt"
[hotfix 3adde8d] committing urgent.txt
Committer: Ubuntu <ubuntu@ip-172-31-24-39.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

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```

```

aws  Services  Q Search [Alt+S]
ubuntu@ip-172-31-24-39:~/assignment5$ ls
develop.txt  feature.txt  master.txt
ubuntu@ip-172-31-24-39:~/assignment5$ touch urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git add urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git commit -m "committing urgent.txt"
[hotfix 3adde8d] committing urgent.txt
Committer: Ubuntu <ubuntu@ip-172-31-24-39.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-24-39:~/assignment5$ git merge hotfix
Updating c5d788d..3adde8d
Fast-forward
 urgent.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$ ls
develop.txt  feature.txt  master.txt  urgent.txt
ubuntu@ip-172-31-24-39:~/assignment5$

```