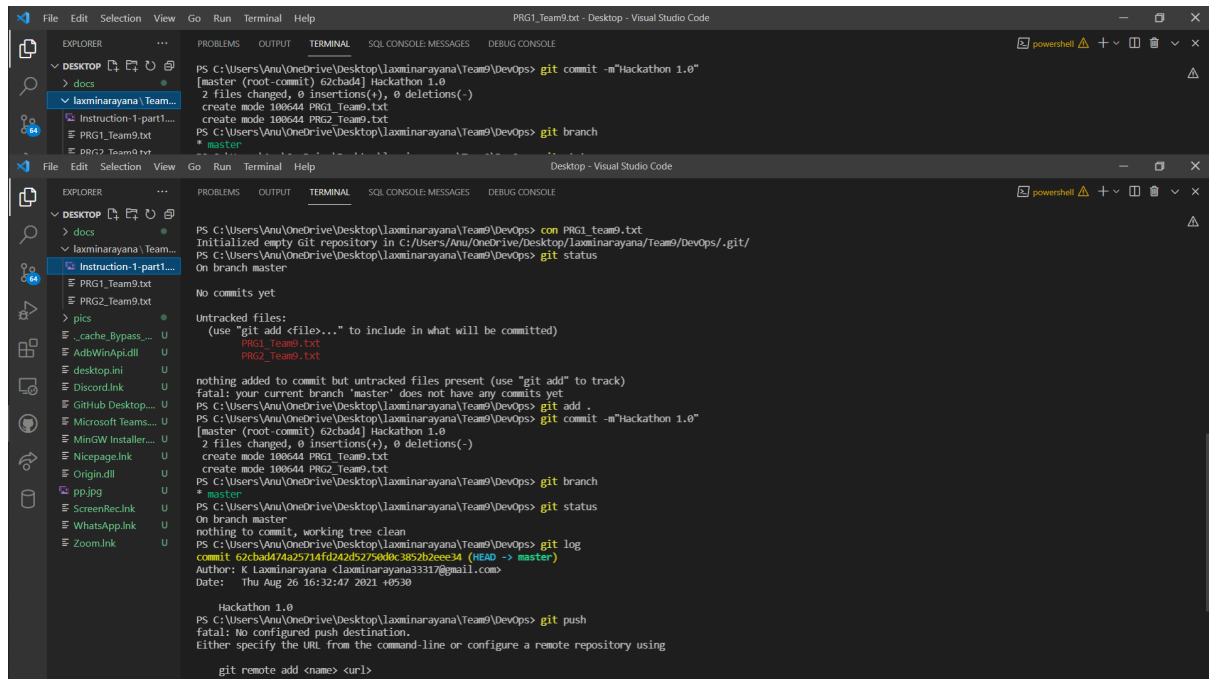


DevOps – Elective - Virtual Hackathon - 1

Instruction-1:



```
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git commit -m "Hackathon 1.0"
[master (root-commit) 62cbad4] Hackathon 1.0
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 PRG1_Team9.txt
create mode 100644 PRG2_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch master

No commits yet

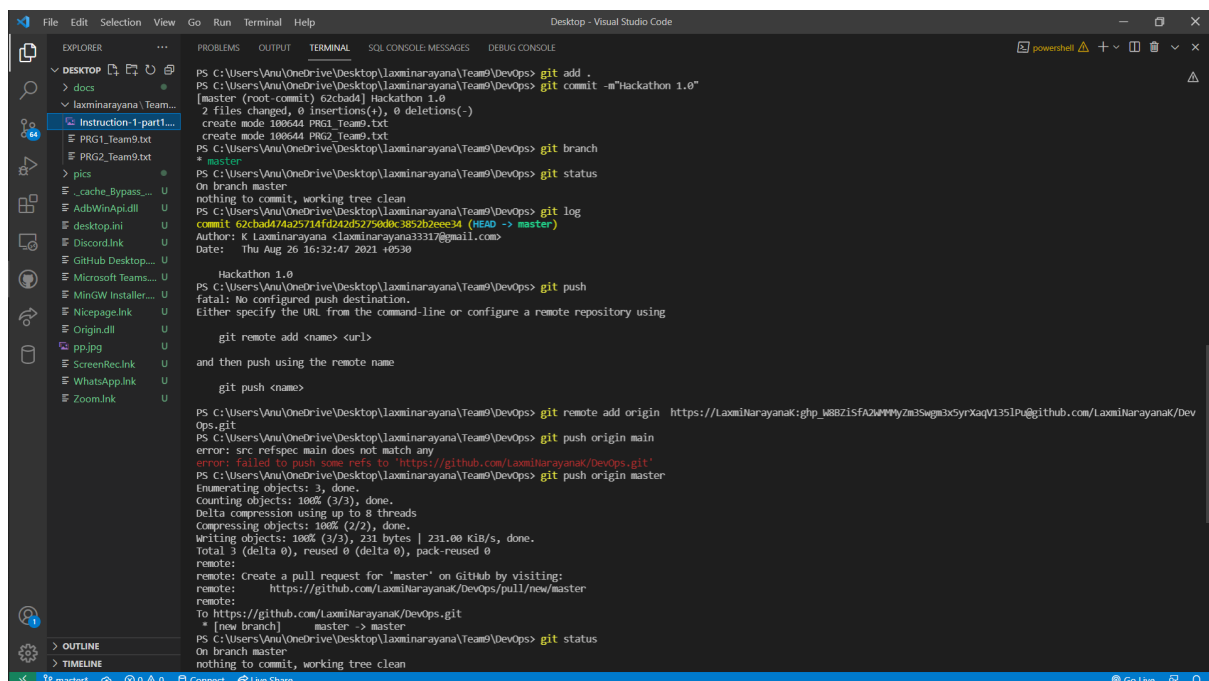
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        PRG1_Team9.txt
        PRG2_Team9.txt

nothing added to commit but untracked files present (use "git add" to track)
fatal: your current branch 'master' does not have any commits yet
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git add .
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git commit -m "Hackathon 1.0"
[master (root-commit) 62cbad4] Hackathon 1.0
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 PRG1_Team9.txt
create mode 100644 PRG2_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch master

nothing to commit, working tree clean
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git log
commit 62cbad474a25714fd24d52759d0c3852b2eeec34 (HEAD -> master)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 16:32:47 2021 +0530

    Hackathon 1.0
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git push
fatal: No configured push destination.
Either specify the URL from the command-line or configure a remote repository using

    git remote add <name> <url>
```



```
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git add .
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git commit -m "Hackathon 1.0"
[master (root-commit) 62cbad4] Hackathon 1.0
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 PRG1_Team9.txt
create mode 100644 PRG2_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch master

nothing to commit, working tree clean
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git log
commit 62cbad474a25714fd24d52759d0c3852b2eeec34 (HEAD -> master)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 16:32:47 2021 +0530

    Hackathon 1.0
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git push
fatal: No configured push destination.
Either specify the URL from the command-line or configure a remote repository using

    git remote add <name> <url>

and then push using the remote name

    git push <name>

PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git remote add origin https://LaxminarayanaK:ghp_w88Z1sfa2wmmYyZn3Swg3x5yrXaqV1351Pu@github.com/LaxmiNarayanak/DevOps.git
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/LaxminarayanaK/DevOps.git'
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 231 bytes | 231.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Create a pull request for 'master' on GitHub by visiting:
remote: https://github.com/LaxminarayanaK/DevOps/pull/new/master
remote:
To https://github.com/LaxminarayanaK/DevOps.git
 * [new branch] master -> master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch master

nothing to commit, working tree clean
```

Instruction-2:

```
File Edit Selection View Go Run Terminal Help Desktop - Visual Studio Code
EXPLORER PROBLEMS OUTPUT TERMINAL SQL CONSOLE MESSAGES DEBUG CONSOLE
DESKTOP
> docs
  > laxminarayana\Team9
    > Instruction-1-part1.png
    > Instruction-1-part2.png
    > PRG1_Team9.txt
    > PRG2_Team9.txt
  > pics
    > .cache_Bypass... U
    > AdwWinApi.dll U
    > desktop.ini U
    > DiscordLink U
    > GitHub Desktop... U
    > Microsoft Teams... U
    > MinGW Installer... U
    > NicepageLink U
    > Origin.dll U
    > pp.jpg U
    > ScreenRecLink U
    > WhatsAppLink U
    > ZoomLink U
  > OUTLINE
  > TIMELINE
  > master*
  > Connect
  > Live Share

PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch BRANCH1
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git checkout BRANCH1
Switched to branch 'BRANCH1'
A       Instruction-1-part1.png
A       Instruction-1-part2.png
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> ls
Directory: C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps

Mode                LastWriteTime         Length Name
----                -
-a----            8/26/2021  5:05 PM        331902 Instruction-1-part1.png
-a----            8/26/2021  5:05 PM        271031 Instruction-1-part2.png
-a----            8/26/2021  4:25 PM           0 PRG1_Team9.txt
-a----            8/26/2021  4:25 PM           0 PRG2_Team9.txt

PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch BRANCH1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Instruction-1-part1.png
        new file:   Instruction-1-part2.png
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch BRANCH1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Instruction-1-part1.png
        new file:   Instruction-1-part2.png
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   PRG2_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git add PRG2_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git commit -m"Profit-Loss_Module"
[BRANCH1 d98a01fe03ff193fb96f28af6e576974e6da7dbd] HEAD -> BRANCH1
3 files changed, 1 insertion(+)
 create mode 100644 Instruction-1-part1.png
 create mode 100644 Instruction-1-part2.png
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git log
commit d98a01fe03ff193fb96f28af6e576974e6da7dbd (HEAD -> BRANCH1)
```

```
File Edit Selection View Go Run Terminal Help Desktop - Visual Studio Code
EXPLORER PROBLEMS OUTPUT TERMINAL SQL CONSOLE MESSAGES DEBUG CONSOLE
DESKTOP
> docs
  > laxminarayana\Team9
    > Instruction-1-part1.png
    > Instruction-1-part2.png
    > Instruction-2-part1.png
    > PRG1_Team9.txt
    > PRG2_Team9.txt
  > pics
    > .cache_Bypass... U
    > AdwWinApi.dll U
    > desktop.ini U
    > DiscordLink U
    > GitHub Desktop... U
    > Microsoft Teams... U
    > MinGW Installer... U
    > NicepageLink U
    > Origin.dll U
    > pp.jpg U
    > ScreenRecLink U
    > WhatsAppLink U
    > ZoomLink U
  > OUTLINE
  > TIMELINE
  > master*
  > Connect
  > Live Share

create mode 100644 Instruction-1-part2.png
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git log
commit d98a01fe03ff193fb96f28af6e576974e6da7dbd (HEAD -> BRANCH1)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 17:49:35 2021 +0530

    Profit-Loss_Module

commit 62cbad47aa2571af4d242d52759d0c3852b2ee334 (origin/master, master)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 16:32:47 2021 +0530

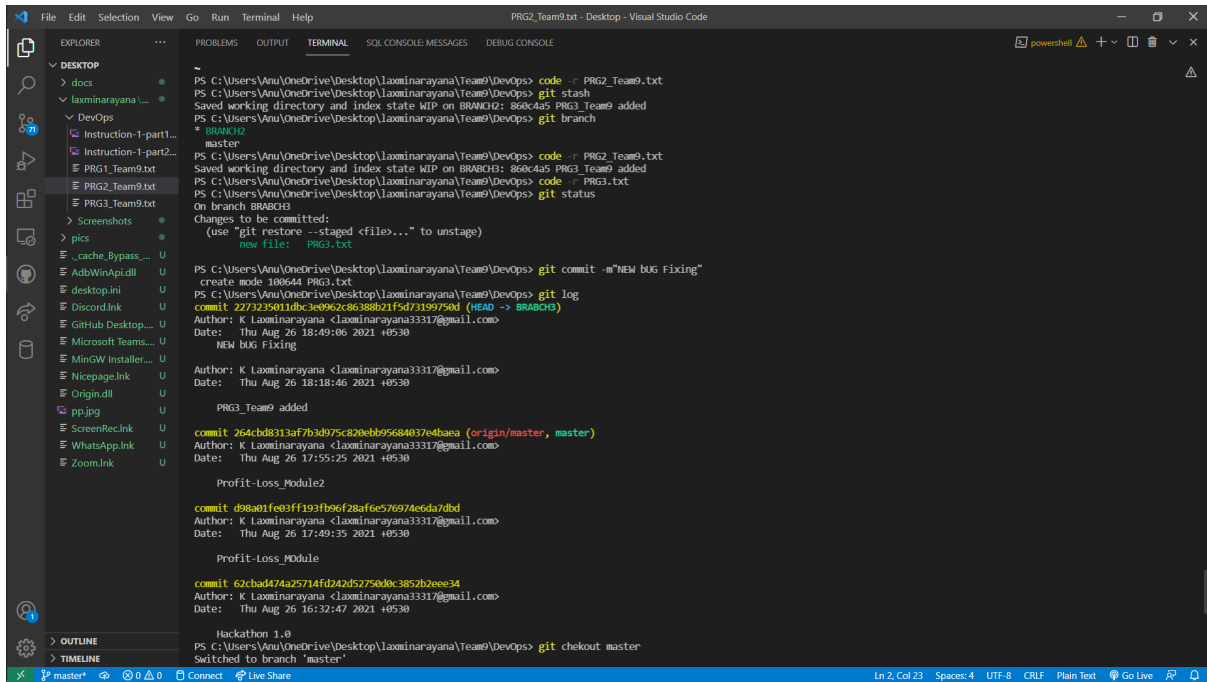
    Hackathon 1.0
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git checkout -b BRANCH2
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git add PRG2_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git commit -m"Profit-Loss_Module2"
[BRANCH2 264cbdb8] Profit-Loss_Module2
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch BRANCH2
nothing to commit, working tree clean
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git checkout master
Switched to branch 'master'
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
* master
  BRANCH1
  BRANCH2
Updating 62cbad4..264cbdb8
Fast-forward
 Instruction-1-part1.png | Bin 0 -> 331902 bytes
 Instruction-1-part2.png | Bin 0 -> 271031 bytes
 PRG2_Team9.txt          | 1+
 3 files changed, 1 insertion(+)
 create mode 100644 Instruction-1-part1.png
 create mode 100644 Instruction-1-part2.png
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Laxminarayana/DevOps.git'
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git push origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 548.12 KiB | 18.90 MiB/s, done.
Total 8 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Laxminarayana/DevOps.git
 62cbad4..264cbdb8 master -> master
```

The image shows a screenshot of the Visual Studio Code (VS Code) interface. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The main window is divided into several panes. On the left, the Explorer pane shows a file tree with folders like 'DESKTOP', 'pics', and 'cache'. The central pane displays the 'TERMINAL' tab, which contains the output of a series of git commands. The commands include 'git push origin main', 'git push origin master', 'git branch', 'git log', and 'git commit'. The output shows the progress of pushing code to a GitHub repository, including object counting, compression, and the final commit message. The bottom status bar shows the current branch as 'master' and the file encoding as 'UTF-8'. The bottom right corner has a 'Go Live' button and a 'Live Share' icon.

INSTRUCTION-3:

The screenshot shows the Visual Studio Code interface with the following components:

- Explorer (Left):** Displays a file tree with folders like `.docs`, `.laxminarayana`, and `.Screenshots`. The `PRG3_Team9.txt` file is selected under the `.Screenshots` folder.
- Terminal (Bottom):** Shows the execution of various git commands and their outputs. The commands include:
 - `git add .`: Stages changes in the working directory.
 - `git status`: Shows the status of the repository.
 - `git stash`: Stashes the current changes.
 - `git checkout BRANCH3`: Switches to the `BRANCH3` branch.
 - `git commit -m "PRG3_Team9 added"`: Commits the changes to the `BRANCH3` branch.
 - `git checkout BRANCH2`: Switches back to the `BRANCH2` branch.
 - `git stash pop`: Restores the stashed changes.
 - `git add PRG2_Team9.txt`: Stages changes in the `PRG2_Team9.txt` file.
 - `git commit -m "PRG2 Edited"`: Commits the changes to the `BRANCH2` branch.
 - `git restore --staged <file>...`: Unstages changes in the working directory.
- Output (Bottom):** Displays the output of the commands, including file status, commit messages, and error messages like "fatal: 'origin' does not appear to be a git repository".



```
File Edit Selection View Go Run Terminal Help PRG2_Team9.txt - Desktop - Visual Studio Code
PROBLEMS OUTPUT TERMINAL SQL CONSOLE MESSAGES DEBUG CONSOLE
DESKTOP
> docs
> laxminarayana ...
> DevOps
  Instruction-1-part1...
  Instruction-1-part2...
    PRG1_Team9.txt
    PRG2_Team9.txt
    PRG3_Team9.txt
  > Screenshots
  > pics
    .cache.Bypass... U
    AdbWinApi.dll U
    desktop.ini U
    DiscordLink U
    GitHub Desktop... U
    Microsoft Teams... U
    MinGW Installer... U
    Nicepage.Ink U
    Origin.dll U
    pp.jpg U
    ScreenRec.Ink U
    WhatsApp.Ink U
    Zoom.Ink U
  > OUTLINE
  > TIMELINE
    master* 0 0 0 0 Connect Live Share
Ln 2, Col 23 Spaces: 4 UTF-8 CRLF Plain Text Go Live
```

Profit-Loss_Module

```
commit 62cbad474a25714fd242d52750d0c3852b2ee34
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 16:32:47 2021 +0530

Hackathon 1.0
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git checkout master
Switched to branch "master"
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git stash list
stash@0: WIP on BRANCH3: 860c4a5 PRG3_Team9 added
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git stash apply 0
Changes not staged for commit:
  (use "git restore <file>..." to discard changes in working directory)
        modified:   PRG2_Team9.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git add .
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   PRG2_Team9.txt

PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git commit -m"Modifying file"
[master 1ba938d] Modifying file
 1 file changed, 2 insertions(+), 1 deletion(-)
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git log
commit 1ba938d0c28056a423083605a8c5fb047c338 (HEAD -> master)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 18:50:51 2021 +0530

Modifying file

commit 264cbd8313af7b3d975c820ebb95684037e4baea (origin/master)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 17:55:25 2021 +0530

Profit-Loss_Module2

commit d98a01fe03ff193fb96f28af6e576974e6da7dbd
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 17:49:35 2021 +0530

Profit-Loss_Module

commit 62cbad474a25714fd242d52750d0c3852b2ee34
```

```
File Edit Selection View Go Run Terminal Help PRG2_Team9.txt - Desktop - Visual Studio Code
PROBLEMS OUTPUT TERMINAL SQL CONSOLE MESSAGES DEBUG CONSOLE
DESKTOP
> docs
> laxminarayana ...
> DevOps
  Instruction-1-part1...
  Instruction-1-part2...
    PRG1_Team9.txt
    PRG2_Team9.txt
    PRG3_Team9.txt
  > Screenshots
  > pics
    .cache.Bypass... U
    AdbWinApi.dll U
    desktop.ini U
    DiscordLink U
    GitHub Desktop... U
    Microsoft Teams... U
    MinGW Installer... U
    Nicepage.Ink U
    Origin.dll U
    pp.jpg U
    ScreenRec.Ink U
    WhatsApp.Ink U
    Zoom.Ink U
  > OUTLINE
  > TIMELINE
    master* 0 0 0 0 Connect Live Share
Ln 2, Col 23 Spaces: 4 UTF-8 CRLF Plain Text Go Live
```

Profit-Loss_Module

```
commit d98a01fe03ff193fb96f28af6e576974e6da7dbd
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 17:49:35 2021 +0530

Profit-Loss_Module

commit 264cbd8313af7b3d975c820ebb95684037e4baea (origin/master)
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 17:55:25 2021 +0530

Modifying file

commit 62cbad474a25714fd242d52750d0c3852b2ee34
Author: K Laxminarayana <laxminarayana33317@gmail.com>
Date: Thu Aug 26 16:32:47 2021 +0530

Hackathon 1.0
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
BRANCH3
BRANCH2
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git merge BRANCH3
merge: BRANCH3 - not something we can merge
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git merge master BRANCH3
merge: BRANCH3 - not something we can merge
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git merge master BRANCH2
Merge made by the 'recursive' strategy.
 PRG3_Team9.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 PRG3_Team9.txt
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps>
```

Instruction-7

```
File Edit Selection View Go Run Terminal Help PRG2_Team9.txt - Desktop - Visual Studio Code
EXPLORER PROBLEMS OUTPUT TERMINAL SQL CONSOLE MESSAGES DEBUG CONSOLE
DESKTOP
> docs
> laxminarayana...
  > DevOps
    Instruction-1-part1...
    Instruction-1-part2...
    PRG1_Team9.txt
    PRG2_Team9.txt
    PRG3_Team9.txt
  > Screenshots
  > pics
    .cache.Bypass... U
    AdbWinApi.dll U
    desktop.ini U
    DiscordLink U
    GitHub Desktop... U
    Microsoft Teams... U
    MinGW Installer... U
    Nicepage.Ink U
    Origin.dll U
    pp.jpg U
    ScreenRec.Ink U
    WhatsApp.Ink U
    Zoom.Ink U
  > OUTLINE
  > TIMELINE
  master* 0 0 0 Connect Live Share
PRG2_Team9.txt
-q, --quiet suppress informational messages
-t, --track set up tracking mode (see git-pull(1))
-u, --set-upstream-to <upstream> change the upstream info
--unset-upstream unset the upstream info
--color[=<when>] use colored output
-r, --remotes act on remote-tracking branches
--contains <commit> print only branches that contain the commit
--no-contains <commit> print only branches that don't contain the commit
--abbrev[<n>] use <n> digits to display object names
Specific git-branch actions:
-a, --all list both remote-tracking and local branches
-d, --delete delete fully merged branch
-D delete branch (even if not merged)
-m, --move move/rename a branch and its reflog
-M move/rename a branch, even if target exists
-C, --copy copy a branch and its reflog
-C copy a branch, even if target exists
-l, --list list branch names
--show-current show current branch name
--create-reflog create the branch's reflog
--edit-description edit the description for the branch
-f, --force force creation, move/rename, deletion
--merged <commit> print only branches that are merged
--no-merged <commit> print only branches that are not merged
--column[<style>] list branches in columns
--sort <key> field name to sort on
--points-at <object> print only branches of the object
-i, --ignore-case sorting and filtering are case insensitive
--format <format> format to use for the output
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch -d BRANCH2
Deleted branch BRANCH2 (was 860c4a5).
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch -d BRANCH3
error: branch 'BRANCH3' not found.
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
BRANCH3
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch -d BRANCH3
error: The branch 'BRANCH3' is not fully merged.
If you are sure you want to delete it, run 'git branch -D BRANCH3'.
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch -D BRANCH3
Deleted branch BRANCH3 (was 2273235).
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps> git branch
* master
PS C:\Users\Anu\OneDrive\Desktop\laxminarayana\Team9\DevOps>
```