



ASSIGNMENT – 5

COURSE : DEVOPS

Trainer : Mr . MADHUKAR

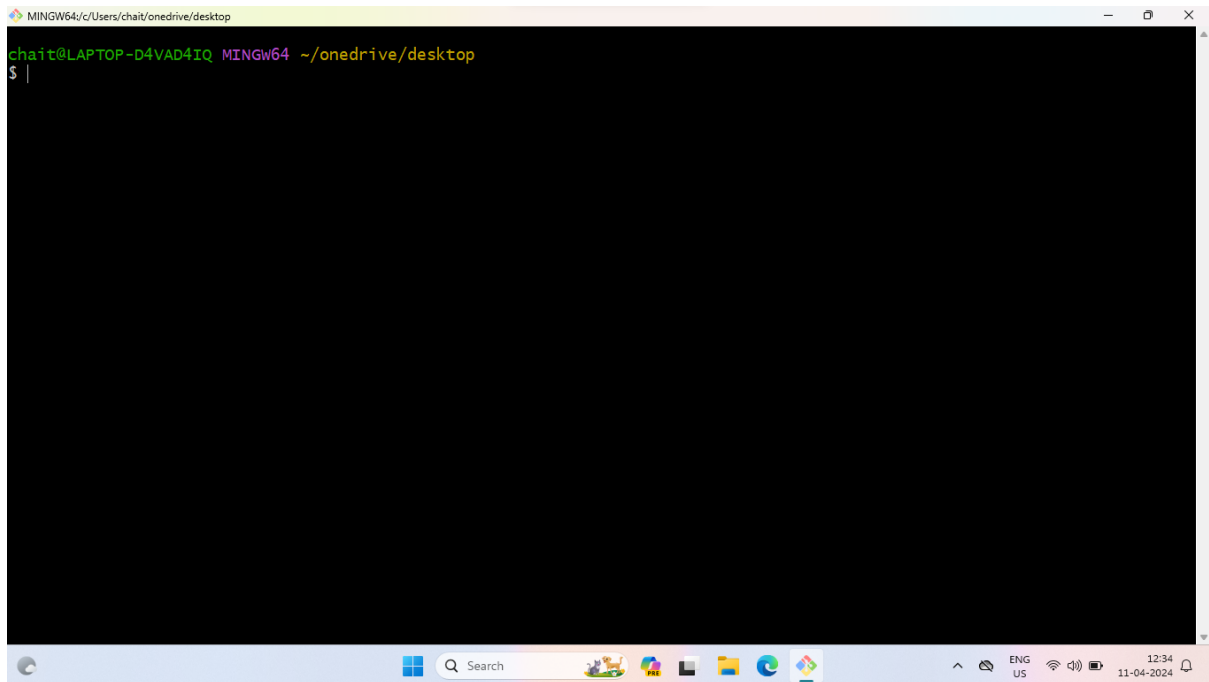


NAME:A AKSHITHA

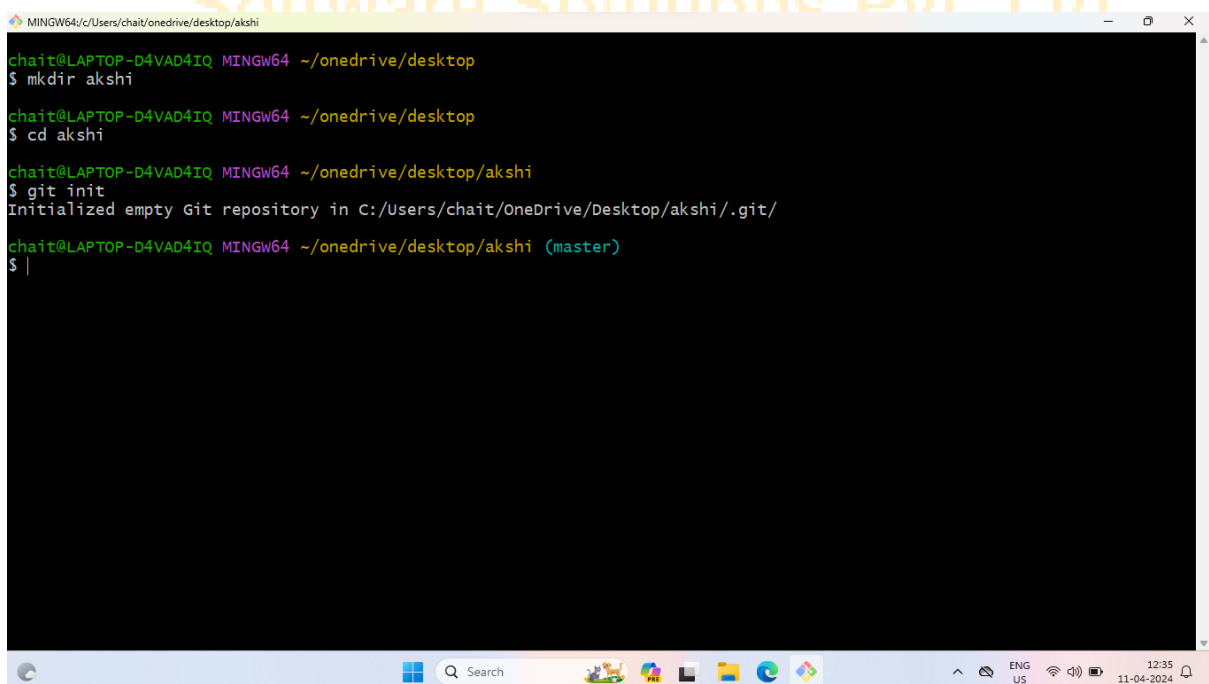
Mail id : annabathinaakshitha13@gmail.com

1) Create two branches and merge them , create directory and push in the repository , commit the changes to the file and use cherry pick to commit changes between branches ?

- Open the gitbash here then create a directory in desktop using command
- Command is :- `mkdir <directory name>`
- Initialize the created directory command is "git init"
- Default branch is "master"



A screenshot of a terminal window titled "MINGW64/c/Users/chaith/onedrive/desktop". The prompt is "chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop". The cursor is on a new line after the prompt.



A screenshot of a terminal window titled "MINGW64/c/Users/chaith/onedrive/desktop/akshi". The prompt is "chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop". The user enters the command `$ mkdir akshi`. The prompt changes to "chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi". The user enters the command `$ cd akshi`. The prompt changes to "chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi". The user enters the command `$ git init`. The output is "Initialized empty Git repository in C:/Users/chaith/OneDrive/Desktop/akshi/.git/". The prompt changes to "chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)". The cursor is on a new line after the prompt.

- Now create a file in master branch and do the work flow (i.e., git add . & git commit)

```

MINGW64/c/Users/chaith/onedrive/desktop/akshi
chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ vi file1

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ cat file1
aaaaaaaaaaaaaaaaaaaa
bbbbbbbbbbbbbbbbbbbb
cccccccccccccccccccc

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git add .
warning: in the working copy of 'file', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git commit -m "1st commit"
[master (root-commit) 29b7c17] 1st commit
 2 files changed, 7 insertions(+)
 create mode 100644 file
 create mode 100644 file1

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git log
commit 29b7c1722406fd08725f4d9e946bc96e10621d66 (HEAD -> master)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:41:26 2024 +0530

    1st commit

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ |

```

- Now create new branch and create files in new branch and do the work flow (i.e., git add . & git commit)
- New create & switch branch commands are : -
- git branch <branch Name>
- git checkout <branch Name>

```

MINGW64/c/Users/chaith/onedrive/desktop/akshi
chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git branch dev

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git checkout dev
Switched to branch 'dev'

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ ls
file  file1

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ rm file

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ ls
file1

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ vi file2

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ cat file2
AAAAAAAAAAAAAAAAAAAA
BBBBBBBBBBBBBBBBBBBB
CCCCCCCCCCCCCCCCCCCC

chait@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$

```

```
MINGW64/c/Users/chaith/onedrive/desktop/akshi
$ git log
commit 29b7c1722406fd08725f4d9e946bc96e10621d66 (HEAD -> dev, master)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:41:26 2024 +0530

1st commit

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ git add file2
warning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ git commit -m "2nd commit"
[dev 8aabf9d] 2nd commit
1 file changed, 3 insertions(+)
create mode 100644 file2

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ git log
commit 8aabf9dabab3b9244962e9906b062848a3d65f84 (HEAD -> dev)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:46:58 2024 +0530

2nd commit

commit 29b7c1722406fd08725f4d9e946bc96e10621d66 (master)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:41:26 2024 +0530

1st commit

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ |
```

```
MINGW64/c/Users/chaith/onedrive/desktop/akshi

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ git add file3
warning: in the working copy of 'file3', LF will be replaced by CRLF the next time Git touches it

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ git commit -m "3rd commit"
[dev b17a096] 3rd commit
1 file changed, 3 insertions(+)
create mode 100644 file3

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ git log
commit b17a096cb32ca50cf45c7c34347f00a62c6e31c7 (HEAD -> dev)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:49:24 2024 +0530

3rd commit

commit 8aabf9dabab3b9244962e9906b062848a3d65f84
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:46:58 2024 +0530

2nd commit

commit 29b7c1722406fd08725f4d9e946bc96e10621d66 (master)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:41:26 2024 +0530

1st commit

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (dev)
$ |
```

- Now using cherry-pick command we required file to be copied into one branch to another branch command is
- git cherry-pick <first 7 or more digits commit id of we required>

```
MINGW64/c/Users/chaith/onedrive/desktop/akshi
$ git cherrypick b17a096cb3
git: 'cherrypick' is not a git command. See 'git --help'.

The most similar command is
  cherry-pick

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ cherry-pick b17a096cb3
bash: cherry-pick: command not found

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git cherry-pick b17a096cb3
[master 52ec96c] 3rd commit
Date: Thu Apr 11 12:49:24 2024 +0530
1 file changed, 3 insertions(+)
create mode 100644 file3

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git log
commit 52ec96c9b9db29127217184620aa08f7b900be42d (HEAD -> master)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:49:24 2024 +0530

    3rd commit

commit 29b7c1722406fd08725f4d9e946bc96e10621d66
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:41:26 2024 +0530

    1st commit

chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ |
```

- Now two branches merge and push into the repository
- By git merge <branch Name> this command use merge two branches

```
MINGW64/c/Users/chaith/onedrive/desktop/akshi
chaith@LAPTOP-D4VAD4IQ MINGW64 ~/onedrive/desktop/akshi (master)
$ git log
commit 31455201c6f71f0c22df8a06dcdbef70f2ca67c50 (HEAD -> master)
Merge: 52ec96c b17a096
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 13:00:16 2024 +0530

    Merge branch 'dev'

commit 52ec96c9b9db29127217184620aa08f7b900be42d
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:49:24 2024 +0530

    3rd commit

commit b17a096cb32ca50cf45c7c34347f00a62c6e31c7 (dev)
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:49:24 2024 +0530

    3rd commit

commit 8aabbf9dabab3b9244962e9906b062848a3d65f84
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:46:58 2024 +0530

    2nd commit

commit 29b7c1722406fd08725f4d9e946bc96e10621d66
Author: akshi123456 <annabathinaakshitha13@gmail.com>
Date: Thu Apr 11 12:41:26 2024 +0530

    1st commit
```

- Now go to GitHub account and create repository

Required fields are marked with an asterisk (*).

Owner * akshi123456 Repository name * akshi
akshi is available.

Great repository names are short and memorable. Need inspiration? How about [verbose-sniffle](#) ?

Description (optional)

☒ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore
.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license
License: None

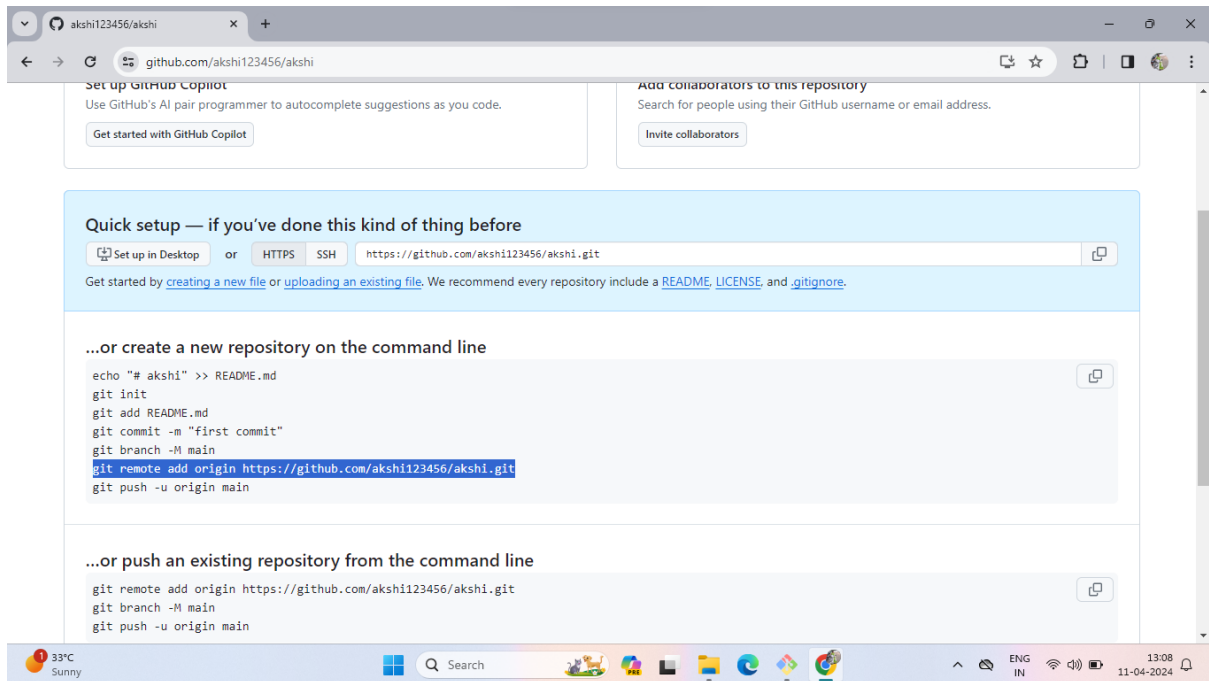
A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

☐ You are creating a public repository in your personal account.

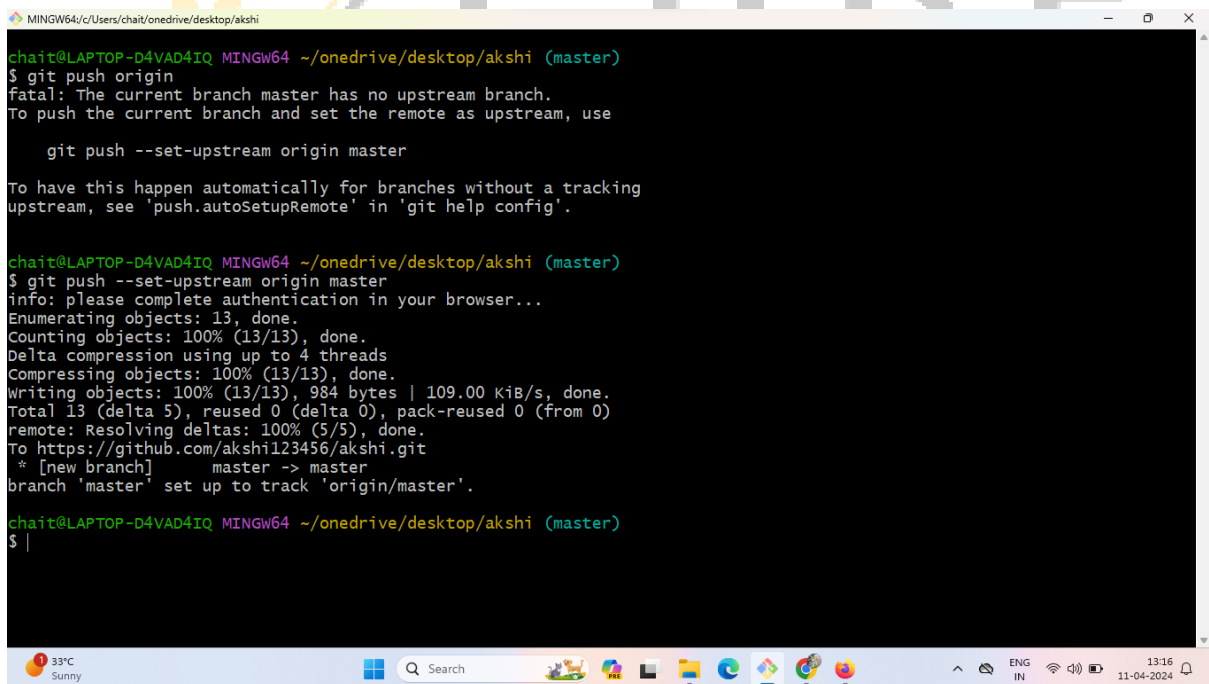
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- And copy the git remote add URL paste into the gitbash



- **"git push origin master"** using this command files are upload into the repository
- Now we can see the files in the Repository



akshi123456/akshi

github.com/akshi123456/akshi

akshi123456 / akshi

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master 1 Branch 0 Tags

Go to file Add file Code

akshi123456 Merge branch 'dev' 3145520 · 16 minutes ago 5 Commits

file	1st commit	35 minutes ago
file1	1st commit	35 minutes ago
file2	2nd commit	29 minutes ago
file3	3rd commit	21 minutes ago

README

Add a README

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