

What is Git ?



- Git is a distributed version Control system that let's you manage and keep track of your source code history.
- Git is a tool a developer installs locally on their computer.

Other SCM Tools:



What is GitHub ?



- GitHub is a cloud based hosting service that let's you manage Git repositories
- GitHub competes other cloud-based services like GitLab and Atlassian's Bitbucket

URL of GitHub/BitBucket/GitLab:

- <https://github.com/>
- <https://bitbucket.org/>
- <https://gitlab.com/>



Description

Download Git - <https://git-scm.com/download/win>

What is GIT

What is VCS/SCM

Examples of VCS

Why git/VCS is needed

Types of VCS

- Centralized

- Distributed

Advantages

- Version control

- Bug Fixing

- doing non-linear development

- collaborative development

How git works? -> terminology

installing git

Creating a repo

cloning someone else's repo

status

Making Changes

- add
 - commit
 - When to commit?
 - commit messages?
 - ** short
 - ** Explain what
 - ** rule of thumb no and
 - ** This commit will ...
 - add .
 - gitignore
- *****

Seeing commits

- log -> oneline -> stat -> p
 - show
 - seeing commits of someone else's repo
 - diff
- *****

Creating versions of a software

- tag->X.Y.Z
 - X – The major version, used for making major and backward-incompatible changes.
 - Y – The minor version, used for adding functionality while maintaining backwards compatibility.
 - Z – The patch version, used for making small bug fixes while maintaining backwards compatibility.
 - deleting tag
 - adding tag to a past commit
- *****

Description

Non linear development(Branching)

- > Scenario(Individual)
- > Scenario(Team)
- > Using branches -> You had one branch already
- > concept of head pointer

HEAD is the reference to the most recent commit in the current branch. This means HEAD is just like a pointer that keeps track of the latest commit in your current branch.

- > Creating branches on head
- > Creating branches on past commits
- > Show all branches -> Active Branch
- > switch between branches->How this works?
- > Understanding what will come under a branch(git log)
- > Making new commits in all branches(git log)
- > see all branches at once -> --graph --all
- > deleting branches

Merging Branches

-> What is merging

-> What happens at merging

** A new commit is created on merging

** look at the branches that it's going to merge

** look back along the branch's history to find a single commit that both branches have in their commit history

** combine the lines of code that were changed on the separate branches together

** makes a commit to record the merge

** Note - Merging happens at the checked out branch. No new branches are created

-> Types of merging -> Fast Forward -> Regular(Divergent branches)

-> Fast Forward -> show log

-> Merging Divergent Branches -> show log

-> Merge Conflict

(<<<<< HEAD) everything below this line (until the next indicator) is code of current branch

(=====) is the end of the original lines, everything that follows (until the next indicator) is what's on the branch that's being merged in

(>>>>> heading-update) is the ending indicator of what's on the branch that's being merged in

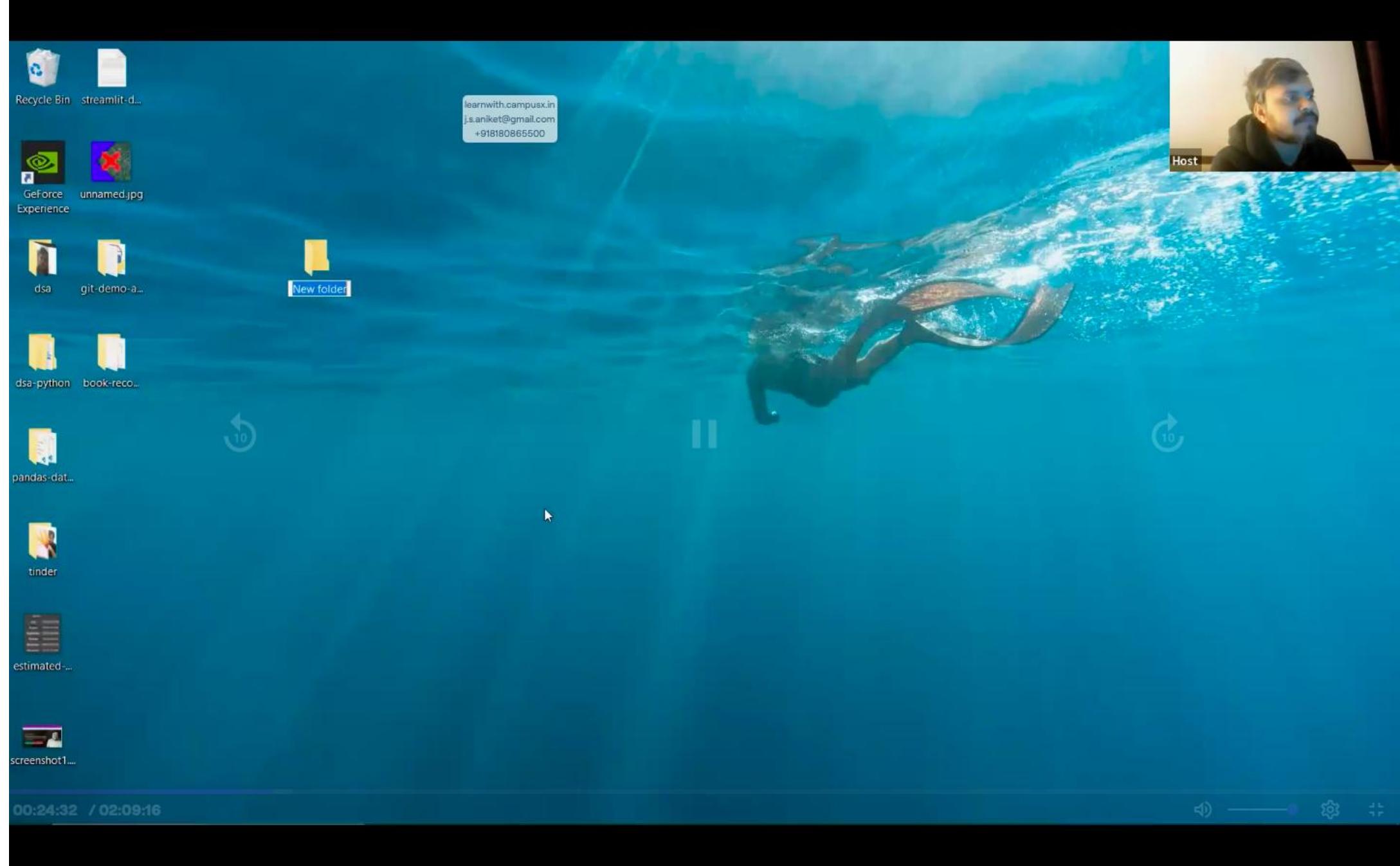
-> Resolving Conflicts

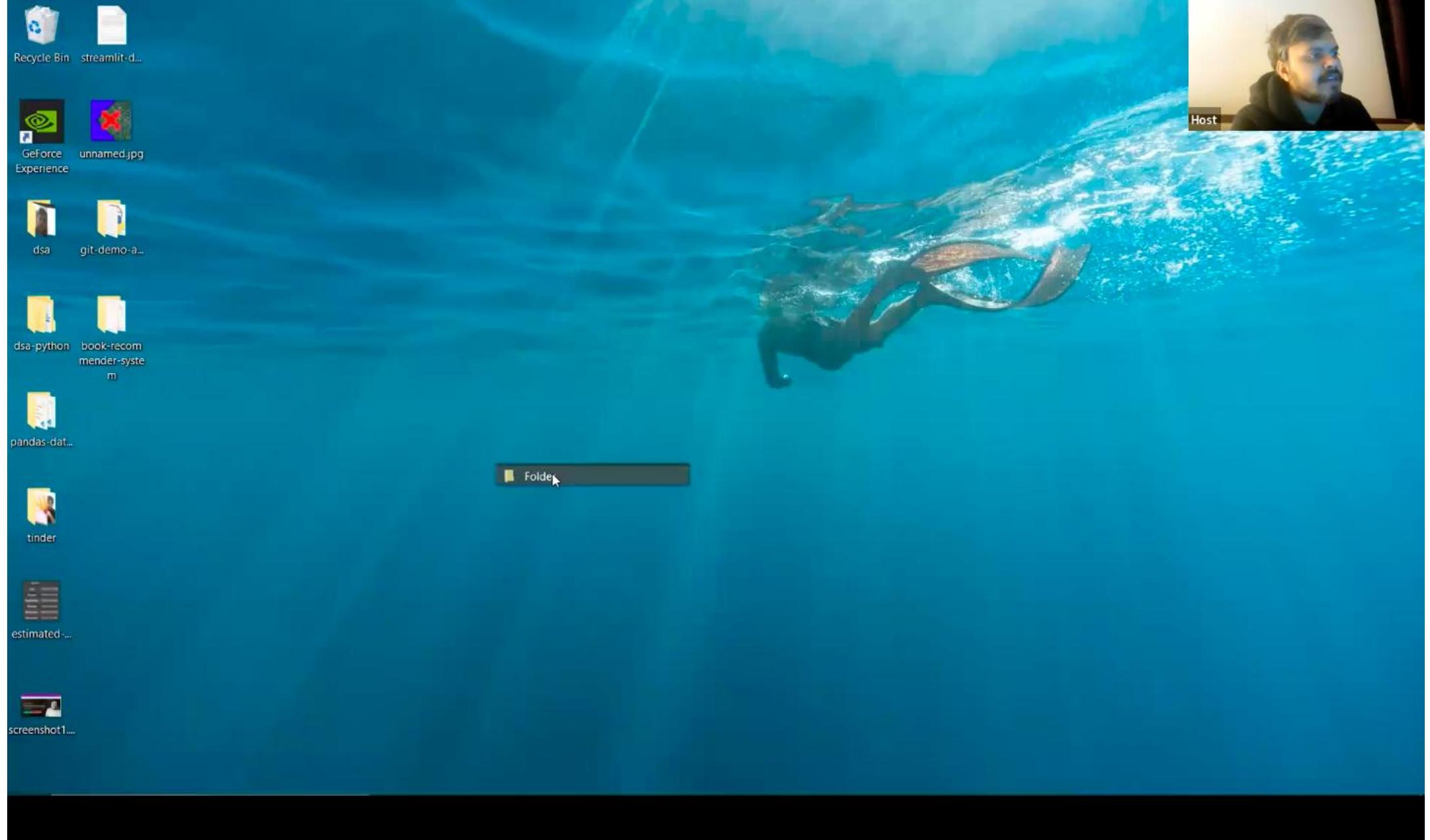
Undoing Changes

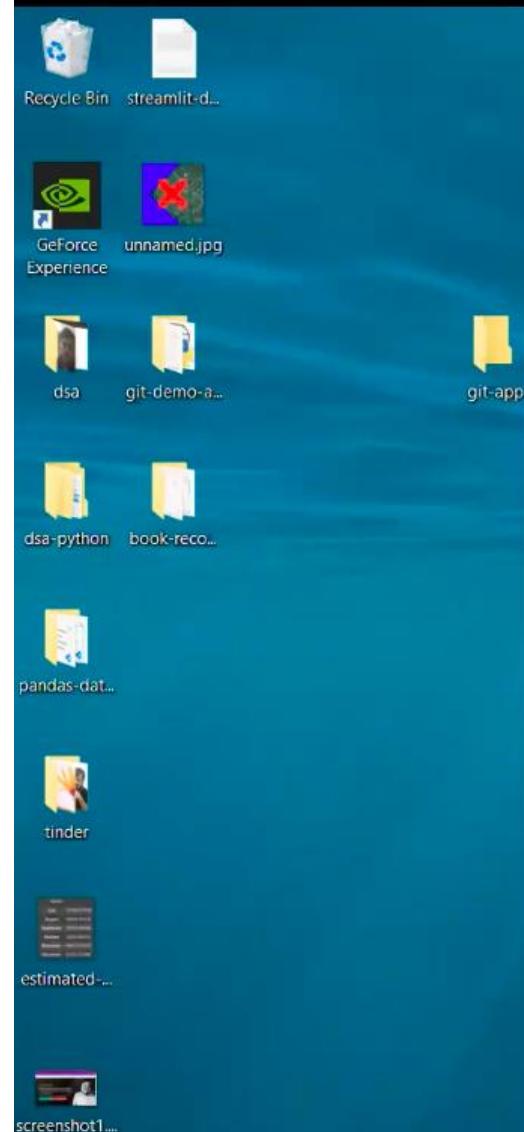
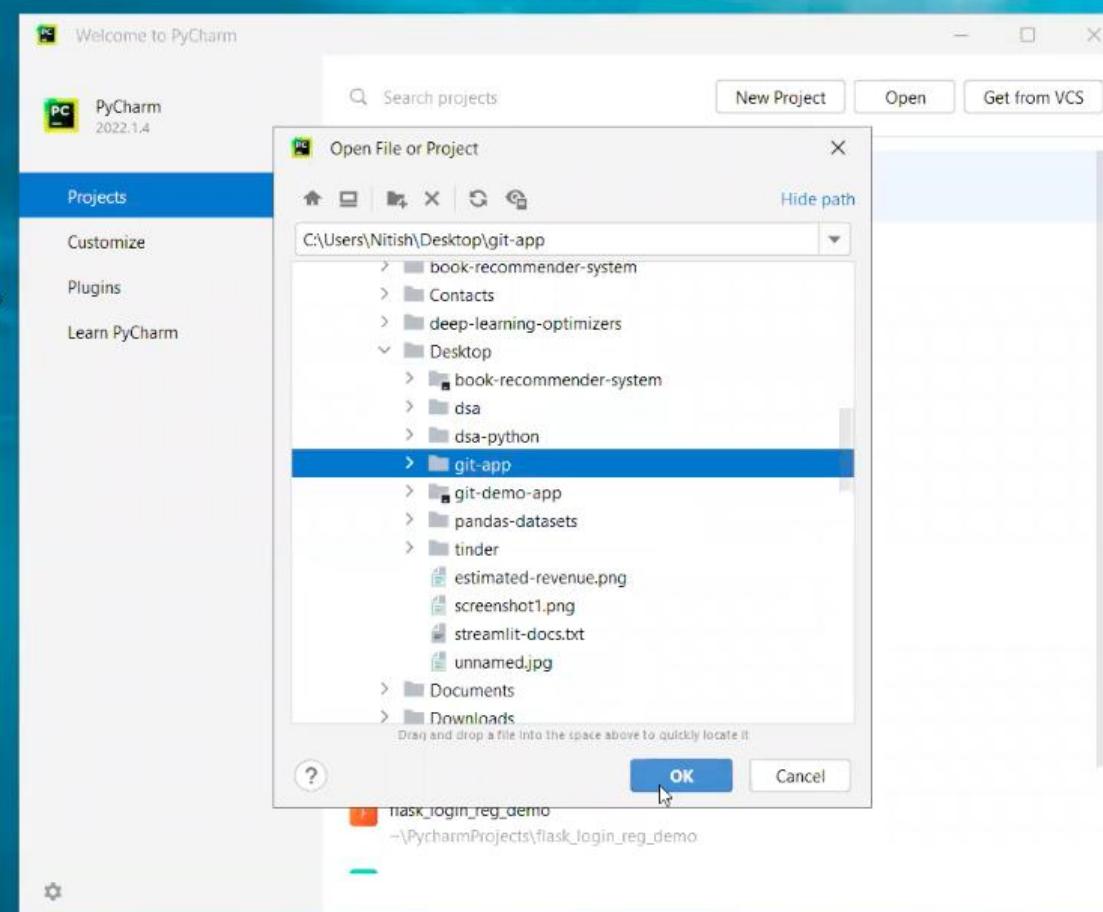
- > editing the last commit message
 - > forgot to add some files to the last commit
 - > rolling back to a specific state using show
 - > revert a commit
-

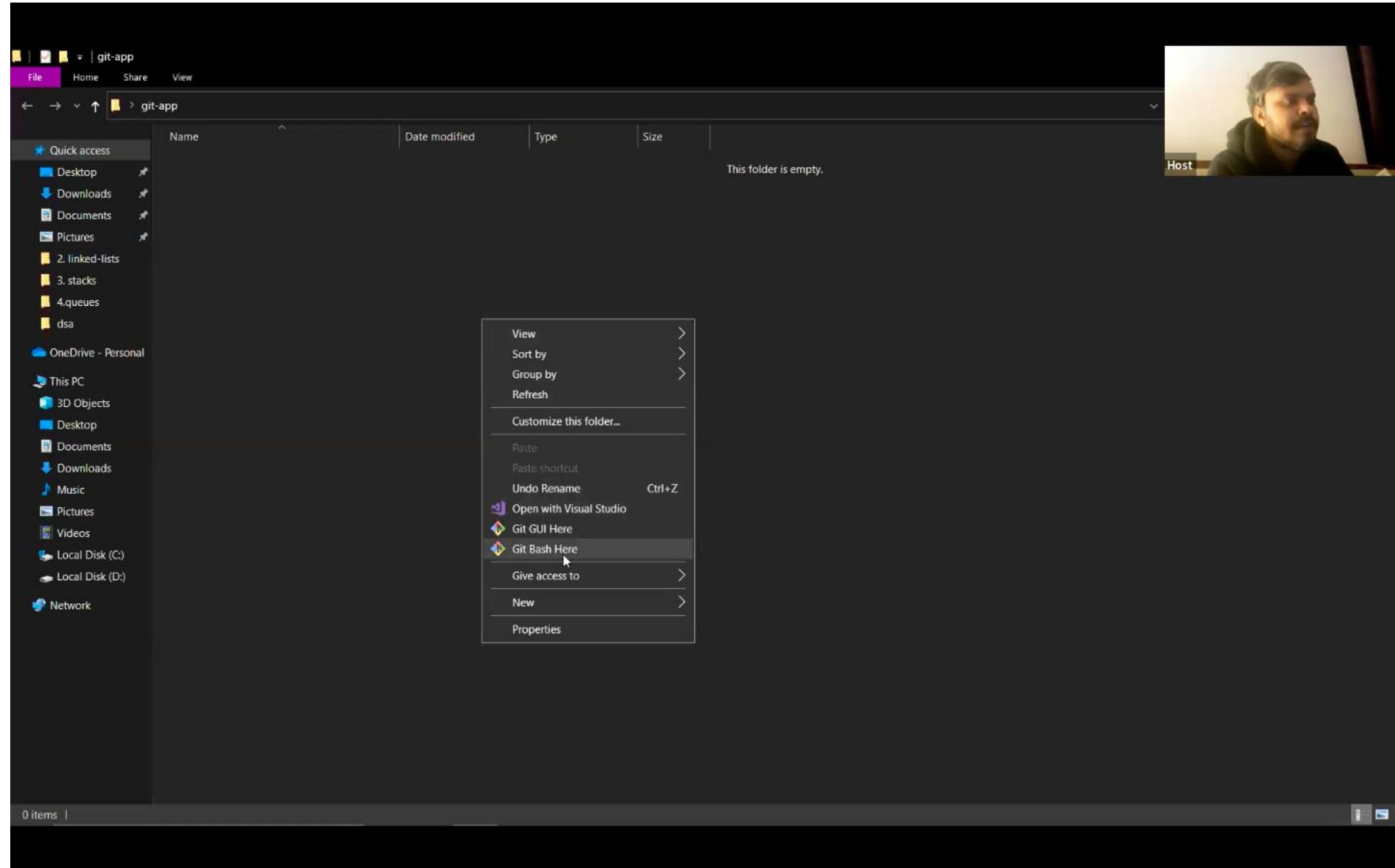
Working with a remote repo

- > Need -> scenario-> collaboration
- > The flow diagram
- > create a new repo on github
- > add remote(git remote add origin <url>)
- > push code(git push <remote-shorthname> <branch-name>)
- > git log -> tracking branch
- > add a readme file
- > pull code









git-app

File Home Share View

git-app

Quick access

- Desktop
- Downloads
- Documents
- Pictures
- 2. linked-lists
- 3. stacks
- 4.queues
- dsa

OneDrive - Personal

This PC

- 3D Objects
- Desktop
- Documents
- Downloads
- Music
- Pictures
- Videos

Local Disk (C:)

Local Disk (D:)

Network

Name Date modified Type Size

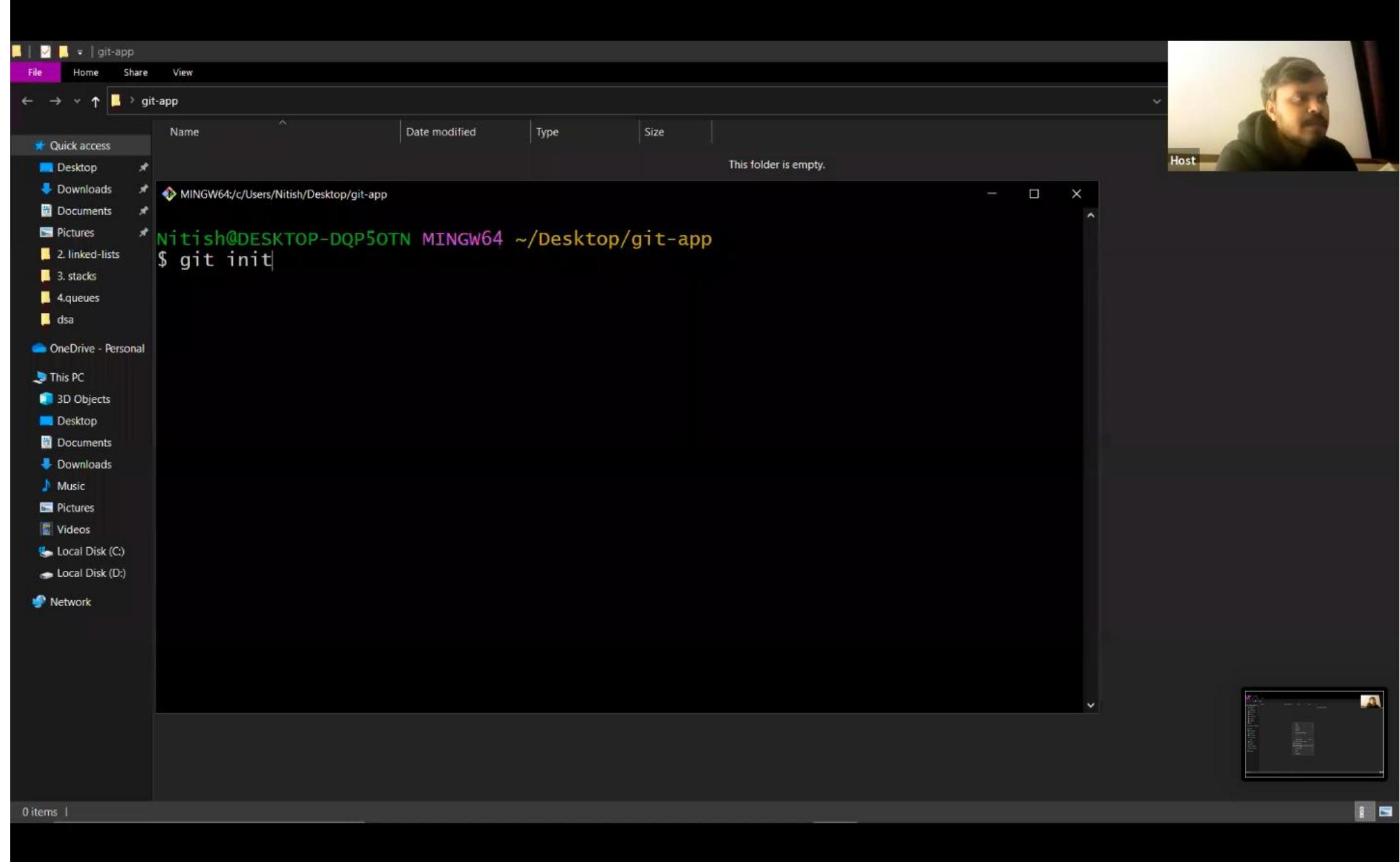
This folder is empty.

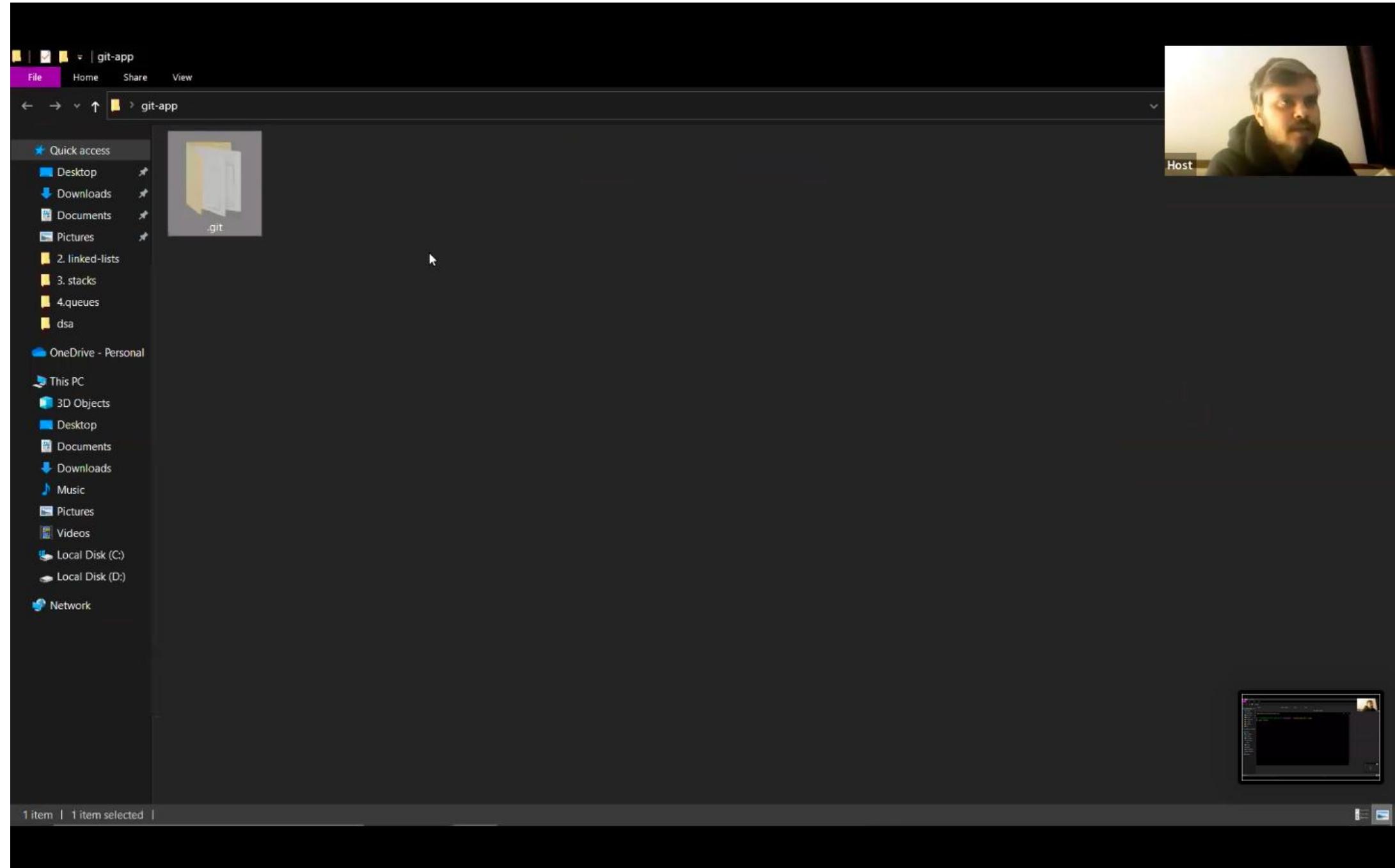
Nitish@DESKTOP-DQP50TN MINGW64 ~/Desktop/git-app

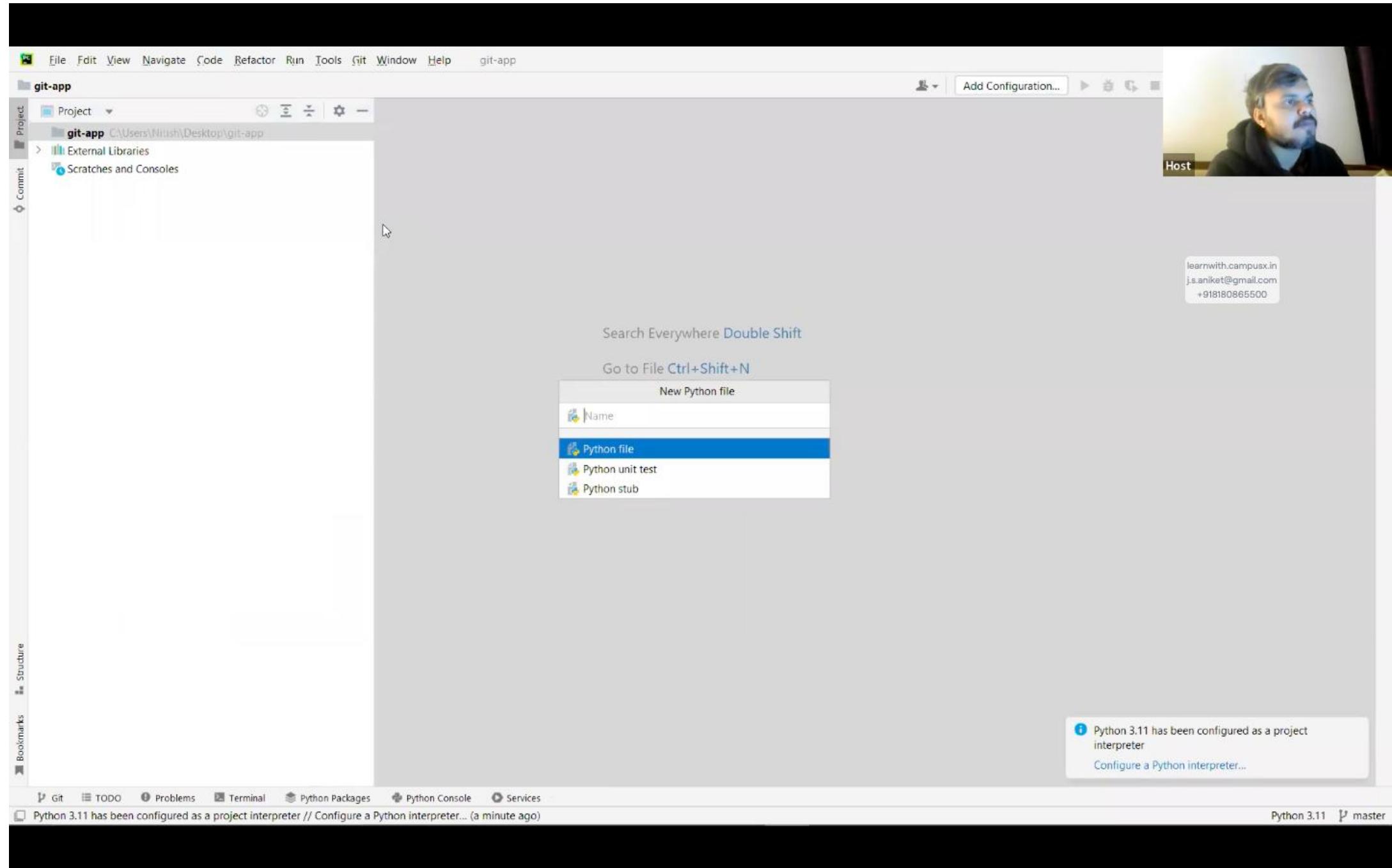
```
$ git init
```

Host

0 items







A screenshot of a Streamlit application running in a browser window. The title bar says "Streamlit App" and the URL is "http://127.0.0.1:8501". The page content displays "Hello world!".

The application is built with the following code:

```
import streamlit as st
st.title('CampusX')
```

The Streamlit interface includes a sidebar with "Host" and "About" buttons, and a footer with "Streamlit v1.6.0" and "Documentation".



A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window. The code editor displays Python code for a Streamlit application:

```
import streamlit as st
st.title('CampusX')
```

The terminal window shows the following git session:

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app
$ git init
Initialized empty Git repository in C:/Users/Nitish/Desktop/git-app/.git/
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .idea/
    app.py

nothing added to commit but untracked files present (use "git add" to track)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add app.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "first commi"
```

At the bottom right of the terminal window, there is a tooltip message:

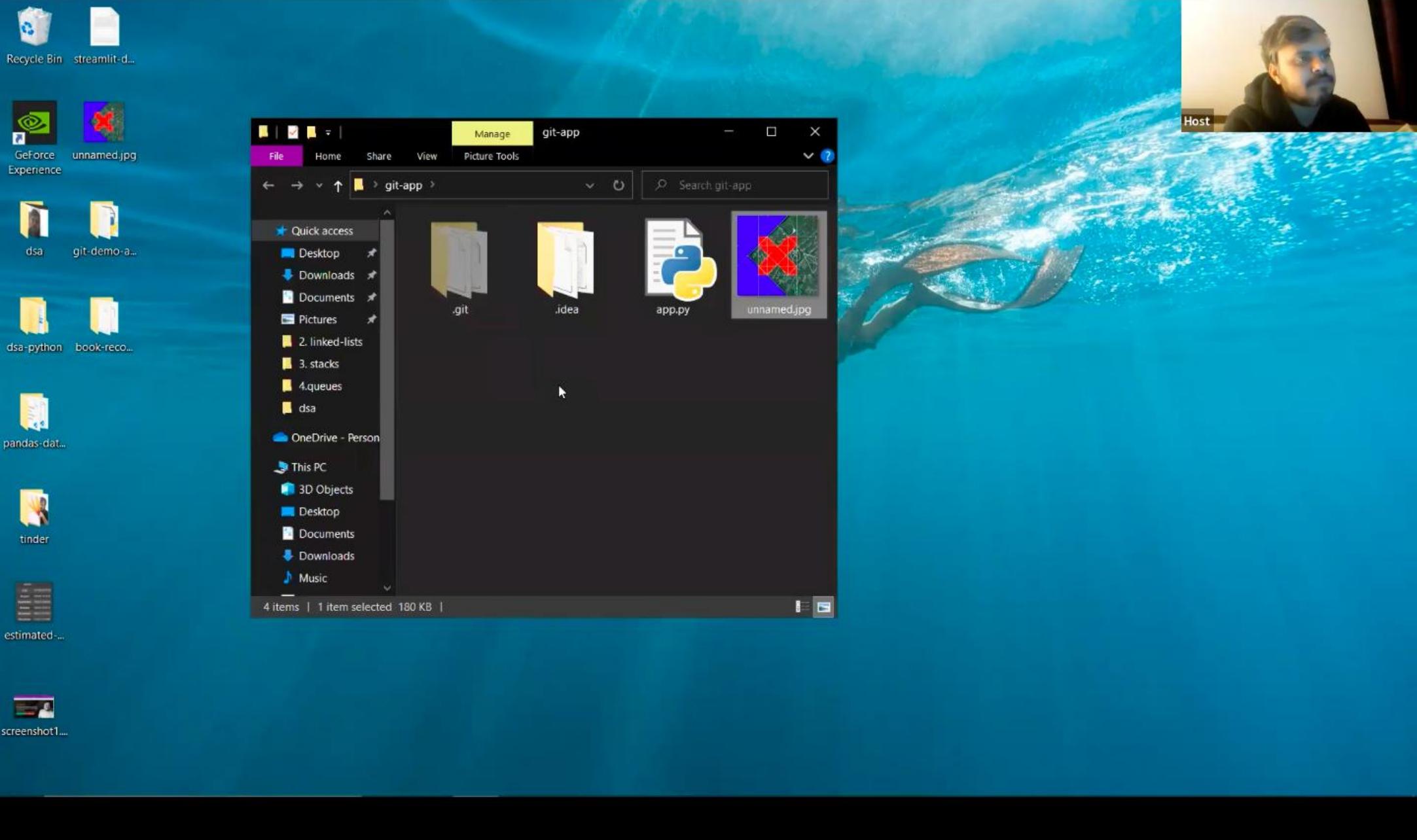
Externally added files can be added to Git:
View Files Always Add Don't Ask Again

At the very bottom of the interface, there are several tabs and status indicators:

Git TODO Problems Terminal Python Packages Python Console Services

Externally added files can be added to Git // View Files // Always Add // Don't Ask Again (a minute ago)

3:20 CRLF UTF-8 4 spaces Python 3.11 master





A screenshot of a code editor interface, likely PyCharm, displaying a Python file named `app.py`. The code implements a Streamlit application with two columns. The first column displays an image, and the second column displays a header. A watermark for `learnwith.campusx.in` is visible in the bottom left of the code editor.

```
import streamlit as st
st.title('CampusX')
col1,col2 = st.columns(2)
with col1:
    st.image('unnamed.jpg')
with col2:
    st.header('CampusX is an Online platform')
```

The code editor includes a sidebar with project navigation, a commit history, and toolbars for file operations. A status bar at the bottom shows Git information and the current branch as `master`.

File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project git-app C:\Users\Nitish\Desktop\git-app app.py unnamed.jpg External Libraries Scratches and Com

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
import streamlit as st
st.title('CampusX')

$ git commit -m "first commit"
[master (root-commit) 3adcb60] first commit
 1 file changed, 3 insertions(+)
 create mode 100644 app.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git status
On branch master
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:   app.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .idea/
    unnamed.jpg

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

Host

Project configurations files can be added to Git
View Files Always Add Delete

Externally added files can be a
View Files Always Add Delete

with col2

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file 11:47 CRLF UTF-8 4 spaces Python 3.11 master

The screenshot shows a PyCharm IDE interface with a Python file named `app.py` open. The code uses the Streamlit library (`st`) to create a dashboard. A context menu is open over the line `sc.image('unnamed.jpg')`, specifically under the `New` submenu of the `File` menu.

The code in the editor:

```
import streamlit as st
st.title('CampusX')
st.columns(2)
sc.image('unnamed.jpg')
with col2:
    st.header('CampusX is an online platform')
```

The `New` submenu contains the following items:

- New Scratch File (Ctrl+Alt+Shift+Insert)
- Directory
- Python Package
- Python File
- HTML File
- Resource Bundle
- EditorConfig File

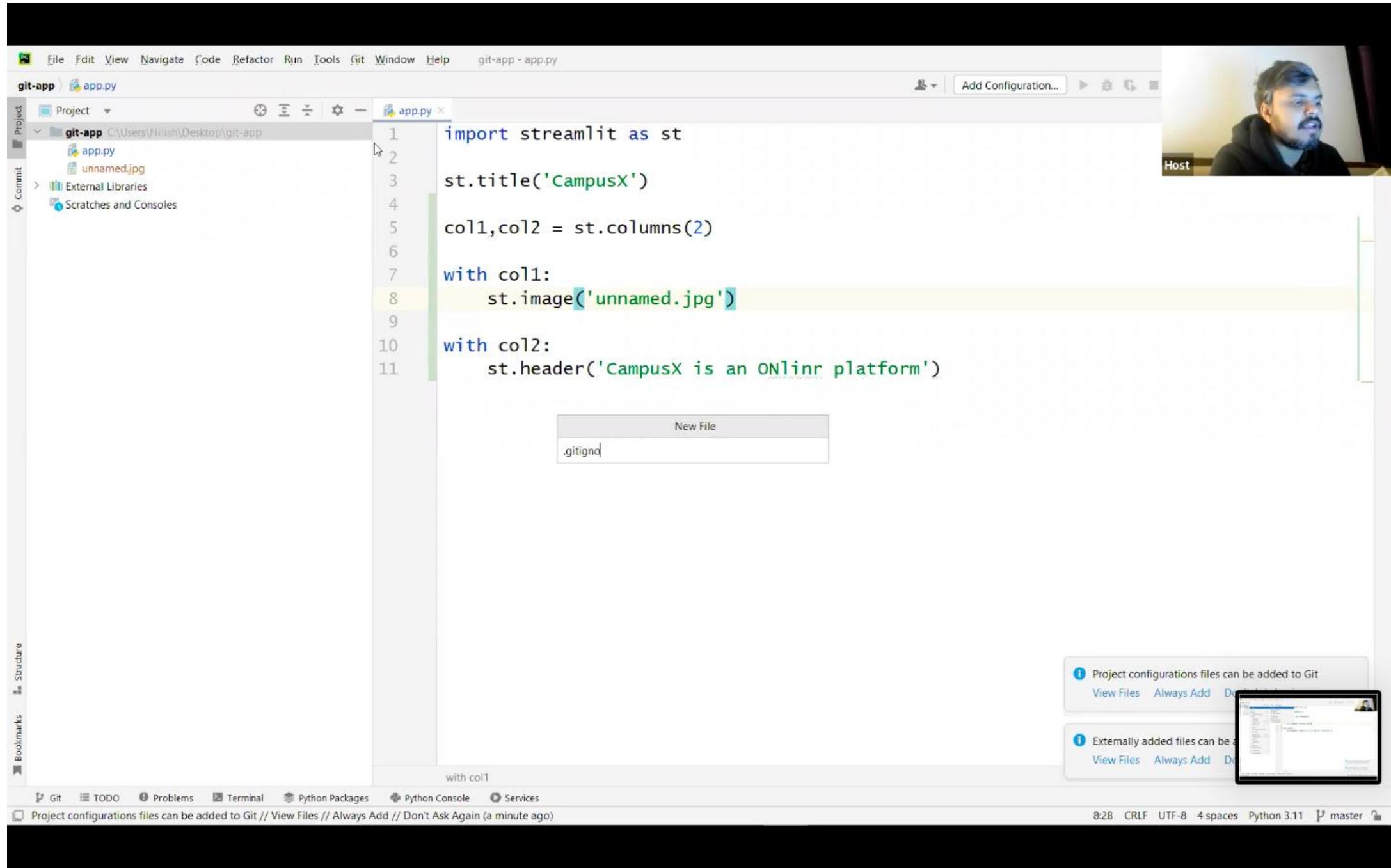
PyCharm status bar:

- Git - master
- TODO
- Problems
- Terminal
- Python Packages
- Python Console
- Services

Bottom status bar:

- Create new file
- 8:28 CRLF UTF-8 4 spaces Python 3.11 master

Right side of the screen shows a video feed of a person with the label "Host".



The screenshot shows a code editor interface with a Python file named `app.py` open. The code uses Streamlit to create a two-column layout. The left column displays an image from `unnamed.jpg`, and the right column displays a header with the text "CampusX is an ONlinr platform". A tooltip in the bottom right corner provides information about Git project configurations.

```
import streamlit as st
st.title('CampusX')
col1,col2 = st.columns(2)
with col1:
    st.image('unnamed.jpg')
with col2:
    st.header('CampusX is an ONlinr platform')
```

Host

New File
.gitignore

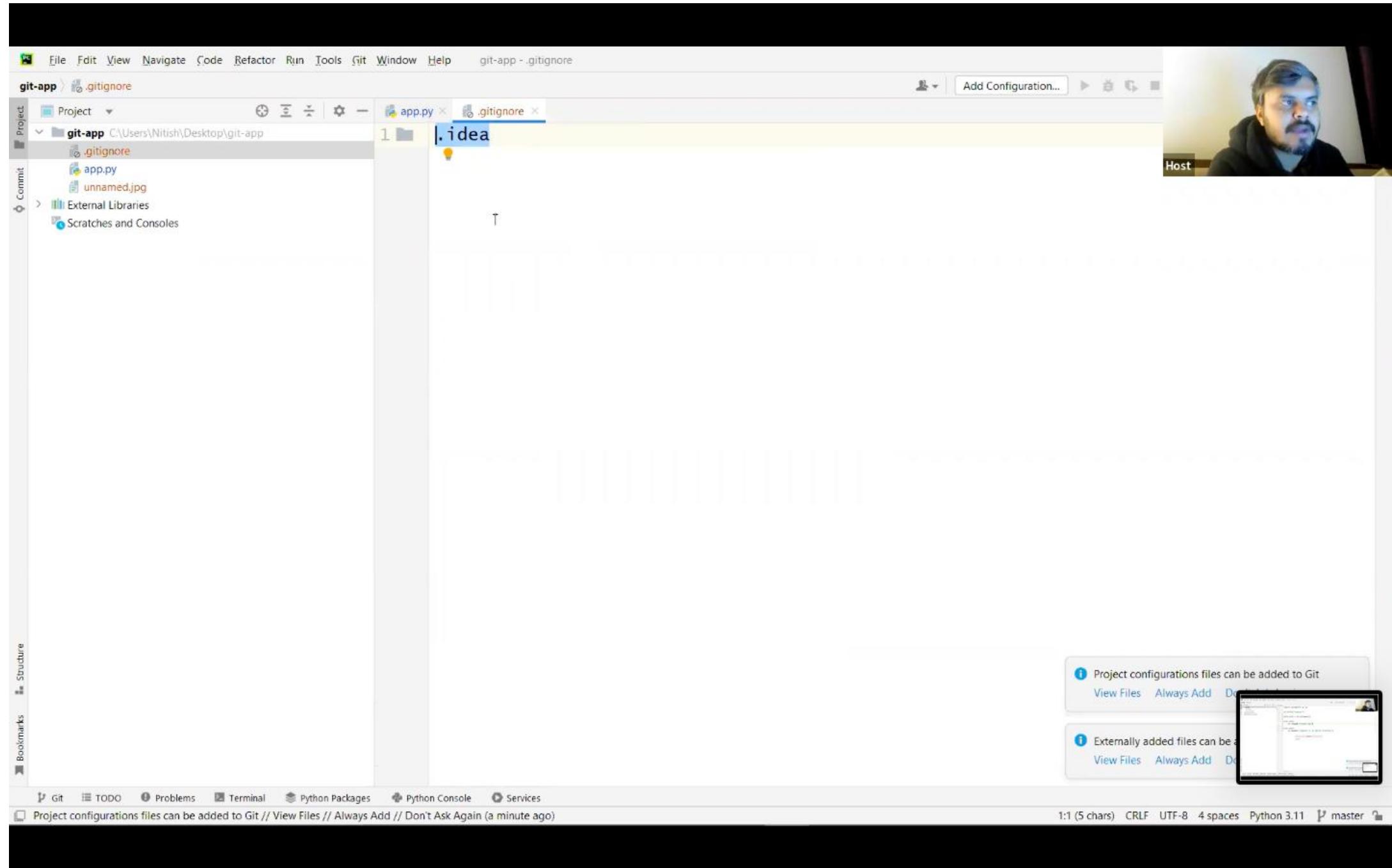
Project configurations files can be added to Git
View Files Always Add Don't Ask Again

Externally added files can be added to Git
View Files Always Add Don't Ask Again

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (a minute ago)

8:28 CRLF UTF-8 4 spaces Python 3.11 master





File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project .gitignore app.py unnamed.jpg External Libraries Scratches and Cor

Commit

git-app C:\Users\Nitish\Desktop\git-app

1 import streamlit as st
2
3 st.title('CampusX')

learnwith.campusx.in
j.s.aniket@gmail.com
+918180865500

MINGW64:/c/Users/Nitish/Desktop/git-app

Untracked files:
(use "git add <file>..." to include in what will be committed)
.idea/
unnamed.jpg

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git status

On branch master

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: app.py

Untracked files:
(use "git add <file>..." to include in what will be committed)
.gitignore
unnamed.jpg

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ |

Project configurations files can be added to Git
View Files Always Add Don't Ask Again

Externally added files can be added to Git
View Files Always Add Don't Ask Again

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (a minute ago)

8:28 CRLF UTF-8 4 spaces Python 3.11 master

The screenshot shows a software environment with a code editor, a terminal window, and a video call interface.

Code Editor: The top part of the interface features a code editor with tabs for `app.py` and `.gitignore`. The `app.py` file contains the following Python code:

```
import streamlit as st
st.title('CampusX')
```

The `.gitignore` file contains the following entries:

```
unnamed.jpg
```

Terminal: A terminal window is open, showing the following output from a Git session:

```
no changes added to commit (use "git add" and/or "git commit -a")
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git status
On branch master
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:   app.py

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    unnamed.jpg

no changes added to commit (use "git add" and/or "git commit -a")
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git |
```

Video Call: On the right side, there is a video call window titled "Host" showing a person with a beard and dark hair.

Bottom Status Bar: The bottom of the interface includes a navigation bar with icons for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. It also displays the current project configuration and system information like the time (8:28), encoding (CRLF), and Python version (Python 3.11).



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project .gitignore app.py unnamed.jpg External Libraries Scratches and Com

Commit

git-app C:\Users\Nitish\Desktop\git-app

app.py .gitignore

1 import streamlit as st
2
3 st.title('CampusX')

MINGW64:/c/Users/Nitish/Desktop/git-app

unnamed.jpg

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git status

On branch master

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: app.py

Untracked files:

(use "git add <file>..." to include in what will be committed)

.gitignore
unnamed.jpg

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git commit -m "add image to the home page"

Project configurations files can be added to Git
View Files Always Add Don't Ask Again

Externally added files can be added to Git
View Files Always Add Don't Ask Again

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (2 minutes ago)

8:28 CRLF UTF-8 4 spaces Python 3.11 master

The screenshot shows a software interface with a terminal window displaying Git commit history and a video call overlay.

Terminal Output:

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add image to the home page"
[master 1790ac9] add image to the home page
 3 files changed, 10 insertions(+), 1 deletion(-)
 create mode 100644 .gitignore
 create mode 100644 unnamed.jpg

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log
commit 1790ac9d9a60a863a756b94c07365cc8f2535a59 (HEAD -> master)
Author: campusx-official <nitish.campusx@gmail.com>
Date:   Tue Dec 27 20:21:24 2022 +0530

    add image to the home page

commit 3adcb60af09c631a334d9f5a1c351c010e0488ea
Author: campusx-official <nitish.campusx@gmail.com>
Date:   Tue Dec 27 20:19:19 2022 +0530

    first commit

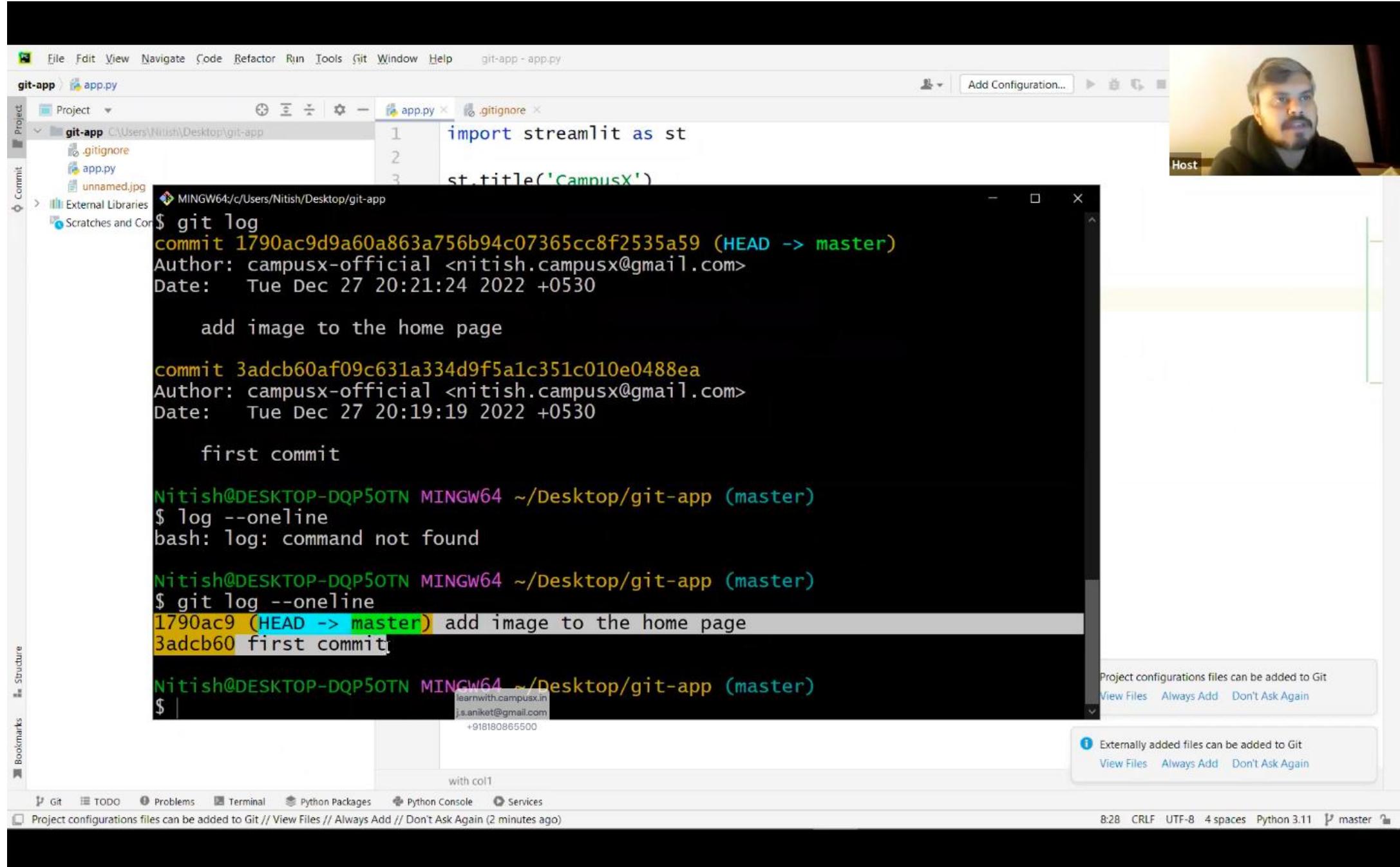
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

Video Overlay:

A video overlay of a man with a beard and dark hair, wearing a black hoodie, is visible in the top right corner. The video is labeled "Host".

Interface Elements:

- File Bar:** File Edit View Navigate Code Refactor Run Tools Git Window Help
- Project Bar:** git-app app.py
- Toolbars:** Add Configuration..., Commit, External Libraries, Scratches and Cor
- Status Bar:** Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (2 minutes ago) 8:28 CRLF UTF-8 4 spaces Python 3.11 master



A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window. The terminal window displays a git log output.

```
git log
commit 1790ac9d9a60a863a756b94c07365cc8f2535a59 (HEAD -> master)
Author: campusx-official <nitish.campusx@gmail.com>
Date:   Tue Dec 27 20:21:24 2022 +0530

    add image to the home page

commit 3adcb60af09c631a334d9f5a1c351c010e0488ea
Author: campusx-official <nitish.campusx@gmail.com>
Date:   Tue Dec 27 20:19:19 2022 +0530

    first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ log --oneline
bash: log: command not found

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
1790ac9 (HEAD -> master) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ |
```

The terminal also shows a message about project configurations:

Project configurations files can be added to Git
View Files Always Add Don't Ask Again

Externally added files can be added to Git
View Files Always Add Don't Ask Again

At the bottom, there are tabs for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. A status bar at the bottom right shows the time as 8:28, encoding as CRLF, character set as UTF-8, spaces as 4, Python version as 3.11, and the current branch as master.



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project .gitignore app.py .gitignore

Commit git-app C:\Users\Nilish\Desktop\git-app
.gitignore
app.py
unnamed.jpg
External Libraries
Scratches and Consoles

Host

```
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
```

Structure

Bookmarks

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file

16:21 CRLF UTF-8 4 spaces Python 3.11 master

Project configurations files can be added to Git
View Files Always Add Don't Ask Again

Externally added files can be added to Git
View Files Always Add Don't Ask Again



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project .gitignore app.py unnamed.jpg External Libraries Scratches and Com

Commit

1 import streamlit as st
2
3 st.title('CampusX')

first commit

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ log --oneline
bash: log: command not found

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
1790ac9 (HEAD -> master) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git status
On branch master
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:   a[REDACTED] (j.saniket@gmail.com)

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git a
```

Project configurations files can be added to Git
View Files Always Add Done

Externally added files can be a
View Files Always Add Done

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file 16:21 CRLF UTF-8 4 spaces Python 3.11 master



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project .gitignore app.py unnamed.jpg External Libraries Scratches and Cor

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$ log --oneline
bash: log: command not found

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
1790ac9 (HEAD -> master) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git status
On branch master
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:   app.py

no changes added to commit (use "git add" and/or "git commit -a")
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git |
```

Project configurations files can be added to Git
View Files Always Add Done

Externally added files can be a
View Files Always Add Done

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file 16:21 CRLF UTF-8 4 spaces Python 3.11 master

A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window. The terminal window displays a command-line session for a Git repository named 'git-app'.

```
git-app > app.py
Project .gitignore app.py unnamed.jpg
> External Libraries Scratches and Cor
Commit Host

MINGW64:/c/Users/Nitish/Desktop/git-app
$ log --oneline
bash: log: command not found

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
1790ac9 (HEAD -> master) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git status
On branch master
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:   app.py

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add courses to the home page"
```

The terminal shows the user attempting to run the 'log' command, which is not found. It then lists two commits: 'first commit' and 'add image to the home page'. The user then runs 'git status', which shows a modified 'app.py' file. Finally, the user runs 'git add .' and 'git commit -m "add courses to the home page"'.

Project configurations files can be added to Git
View Files Always Add Don't Ask Again

Externally added files can be added to Git
View Files Always Add Don't Ask Again

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file 16:21 CRLF UTF-8 4 spaces Python 3.11 master

File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project .gitignore app.py unnamed.jpg External Libraries Scratches and Cor

Commit Host

```
1 import streamlit as st
2
3 st.title('CampusX')

MINGW64:/c/Users/Nitish/Desktop/git-app
On branch master
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:   app.py

no changes added to commit (use "git add" and/or "git commit -a")

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add courses to the home page"
[master b98accd] add courses to the home page
 1 file changed, 6 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
b98accd (HEAD -> master) add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ |
```

Project configurations files can be added to Git
View Files Always Add Done

Externally added files can be a
View Files Always Add Done

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file 16:21 CRLF UTF-8 4 spaces Python 3.11 master

tentative-schedule - Google Sheets | Ask your question - Google Sheets | My Drive - Google Drive | Course Builder | Post Attendee - Zoom | app - Streamlit

localhost:8501



Host

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add courses to the home page"
[master b98accd] add courses to the home page
 1 file changed, 6 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
b98accd (HEAD -> master) add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
* master
  sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ |
```

DAMP

DEMP

← →

OneNote for Windows 10

Home Insert Draw View Help

Shapes Ink to Shape Ink to Text

Nitish Host

Slove

```
MINGW64:/c/Users/Nitish/Desktop/git-app
$ git log --oneline
b98accd (HEAD -> master) add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch sidebar
  sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
* master
  sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch error-fix 1790ac9

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
  error-fix
* master
  sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ |
```

streamlit-docs.txt - Notepad
File Edit Format View Help

-> Scenario(Individual)

-> Scenario(Team)

-> Using branch

-> concept of branch
HEAD is the current branch
keeps track of the current branch

like a pointer that
keeps track of the current branch

-> Creating a new branch

-> Creating a new branch
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

-> Show all branches
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

-> switch between branches

-> Understanding branches
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

-> Making new branches

-> see all branches

-> deleting branches
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

-> deleting branches
\$ git checkout sidebar
Switched to branch 'sidebar'

Merging Branches

-> What is merging



like a pointer that

Ln 16, Col 27

100% Windows (CRLF)

UTF-8

streamlit-docs.txt - Notepad
File Edit Format View Help

-> Scenario(Individual)

-> Scenario(Team)

-> Using branch

-> concept of HEAD

HEAD is the pointer that keeps track of the current branch

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch error-fix 1790ac9
```

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
```

-> Creating branch

-> Creating master

-> Show all branches

-> switch between branches

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
```

-> Understand what happened

```
Switched to branch 'sidebar'
```

-> Making new changes

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
```

-> see all branches

```
$ git branch
```

```
error-fix
```

-> deleting branch

```
master
```

```
* sidebar1
```

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
```

Merging Branch

```
$
```

-> What is merging



A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window. A video call is overlaid on the top right.

Code Editor:

```
git-app > app.py
```

app.py

```
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an online platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
```

Terminal:

```
$ git branch error-fix 1790ac9
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
error-fix
* master
sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git branch
error-fix
* sidebar
master

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout error-fix
Switched to branch 'error-fix'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ |
```

Bottom Navigation:

- Git
- TODO
- Problems
- Terminal
- Python Packages
- Python Console
- Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (18 minutes ago)

16:1 (63 chars, 3 line breaks) CRLF UTF-8 4 spaces Python 3.11 sidebar



A screenshot of a software interface, likely PyCharm, showing a Python file named `app.py`. The code uses Streamlit to create a two-column layout. The first column displays an image from `unnamed.jpg`, and the second column contains a header with a misspelling. A video call window is overlaid on the top right, showing a man identified as the host.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project Commit
app.py .gitignore
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')

with col2
Git TODO Problems Terminal Python Packages Python Console Services
Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (19 minutes ago) 11:47 CRLF UTF-8 4 spaces Python 3.11 error-fix
```



A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window.

The code editor displays a Python file named `app.py` with the following content:

```
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an online platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
```

The code editor has a light blue selection bar highlighting the last four lines of the file.

The terminal window on the right shows a git session:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
error-fix
* master
sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git branch
error-fix
master
* sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout error-fix
Switched to branch 'error-fix'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git c
```

The terminal shows several branches: `error-fix`, `master`, and `sidebar`. The user has switched between these branches and checked them out. The current branch is `master`.

At the bottom of the interface, there are tabs for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. The status bar at the bottom indicates PEP 8: W292 no newline at end of file, and the file path C:\Users\Nitish\Desktop\git-app\app.py.

- > Scenario(Individual)
- > Scenario(Team)
- > Using branches -> You had one branch already
- > concept of head pointer

HEAD is the reference to the most recent commit in the current branch
keeps track of the latest commit in your current branch

- > Creating branches on head
- > Creating branches on past commits
- > Show all branches -> Active Branch
- > switch between branches->How this works?
- > Understanding what will come under a branch(git log)
- > Making new commits in all branches(git log)
- > see all branches at once -> --graph --all
- > deleting branches

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git log --oneline
b98accd (HEAD -> sidebar, master) add courses to the home page
1790ac9 (error-fix) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
b98accd (HEAD -> master, sidebar) add courses to the home page
1790ac9 (error-fix) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```



Merging Branches

- > What is merging

-> Scenario(Individual)

-> Scenario(Team)

-> Using branches -> You had one branch already

-> concept of head pointer

HEAD is the reference to the most recent commit in t

keeps track of the latest commit in your current bran

-> Creating branches on head

-> Creating branches on past commits

-> Show all branches -> Active Branch

-> switch between branches->How this works?

-> Understanding what will come under a branch(git

-> Making new commits in all branches(git log)

-> see all branches at once -> --graph --all

-> deleting branches

Merging Branches

-> What is merging



```
MINGW64:/c/Users/Nitish/Desktop/git-app
1790ac9 (error-fix) add image to the home page
3adcb60 first commit
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
b98accd (HEAD -> master, sidebar) add courses to the home page
1790ac9 (error-fix) add image to the home page
3adcb60 first commit
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout error-fix
Switched to branch 'error-fix'
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git log --oneline
1790ac9 (HEAD -> error-fix) add image to the home page
3adcb60 first commit
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$
```

File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py .gitignore

Add Configuration... Host

Project Commit Structure Bookmarks

```
1 import streamlit as st
2
3 st.title('CampusX An Online Platform')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
```

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (30 minutes ago)

3:37 CRLF UTF-8 4 spaces Python 3.11 error-fix





A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window.

Code Editor:

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
1 import streamlit as st
2
3     st.title('CampusX An Online Platform')
4
5     col1,col2 = st.columns(2)
6
7     with col1:
8         st.image('unnamed.jpg')
9
10    with col2:
11        st.header('CampusX is an ONlinr platform')
```

Terminal:

```
$ git checkout error-fix
Switched to branch 'error-fix'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git log --oneline
1790ac9 (HEAD -> error-fix) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git commit -m "edit title of home page"
[error-fix 63d7dc4] edit title of home page
 1 file changed, 1 insertion(+), 1 deletion(-)

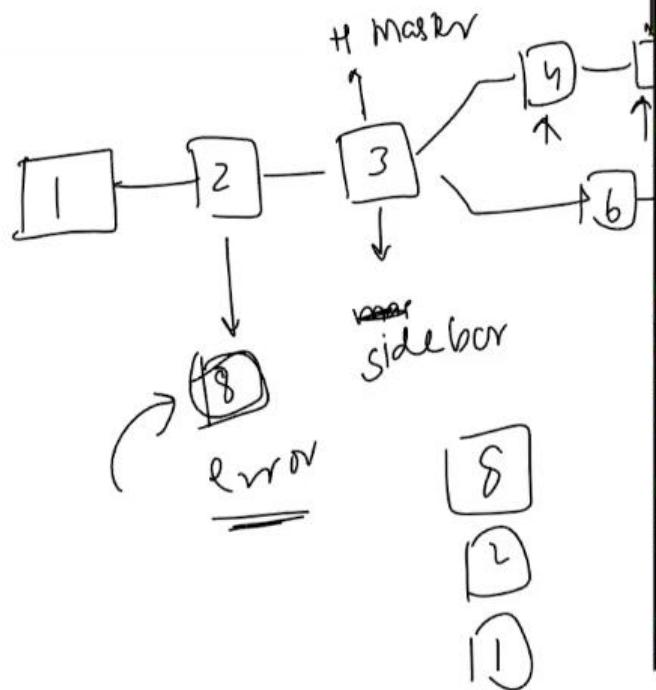
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git log --oneline
63d7dc4 (HEAD -> error-fix) edit title of home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$
```

Bottom Navigation Bar:

with col1
Git TODO Problems Terminal Python Packages Python Console Services
Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (30 minutes ago)

8:28 CRLF UTF-8 4 spaces Python 3.11 error-fix



OneNote for Windows 10

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)

```

$ git log --oneline
1790ac9 (HEAD -> error-fix) add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git commit -m "edit title of home page"
[error-fix 63d7dc4] edit title of home page
1 file changed, 1 insertion(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git log --oneline
63d7dc4 (HEAD -> error-fix) edit title of home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ 

```





A screenshot of a software interface, likely a code editor or IDE, showing a Python Streamlit application named 'app.py'. The code is displayed in a syntax-highlighted editor window. The code imports Streamlit and defines a title and two columns. It includes an image placeholder and several subheaders for courses. A sidebar title is also present. The interface includes a top menu bar with File, Edit, View, Navigate, Code, Refactor, Run, Tools, Git, Window, Help, and a configuration section for 'git-app - app.py'. On the left, there's a Project view with 'app.py' selected and a .gitignore file listed. Below the editor are tabs for Structure and Bookmarks. At the bottom, there are navigation icons for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. A status bar at the bottom right shows the time as 18:23, encoding as CRLF, character set as UTF-8, spaces as 4 spaces, Python version as 3.11, and a sidebar indicator.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py
Project app.py .gitignore
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an online platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17
18 st.sidebar.title('Menu')
```

Host

File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app > app.py

Project app.py .gitignore

1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8 st.image('unnamed.jpg')
9
10 with col2:
11 st.header('CampusX is an online platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17
18 st.sidebar.title('Menu')

Add Configuration... Host

Commit

Structure Bookmarks

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (31 minutes ago)

18:23 CRLF UTF-8 4 spaces Python 3.11 sidebar



A screenshot of a software interface, likely a developer's environment, showing a code editor and a terminal window.

Code Editor:

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17
18 st.sidebar.title('Menu')
```

Terminal:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git commit -m "edit title of home page"
[error-fix 63d7dc4] edit title of home page
  1 file changed, 1 insertion(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git log --oneline
63d7dc4 (HEAD -> error-fix) edit title of home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add app.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "add menu title to sidebar"
```

Bottom Status Bar:

Git TODO Problems Terminal Python Packages Python Console Services
PEP 8: W292 no newline at end of file 18:25 CRLF UTF-8 4 spaces Python 3.11 sidebar

A screenshot of a software interface, likely a developer's environment, showing a code editor and a terminal window. On the right side of the interface, there is a video call window showing a man with a beard and dark hair, wearing a black hoodie, speaking. The video call has a 'Host' label.

The code editor on the left shows a Python file named `app.py` with the following content:

```
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17
18 st.sidebar.title('Menu')
```

The terminal window on the right displays a series of Git commands and their outputs:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (error-fix)
$ git checkout sidebar
Switched to branch 'sidebar'

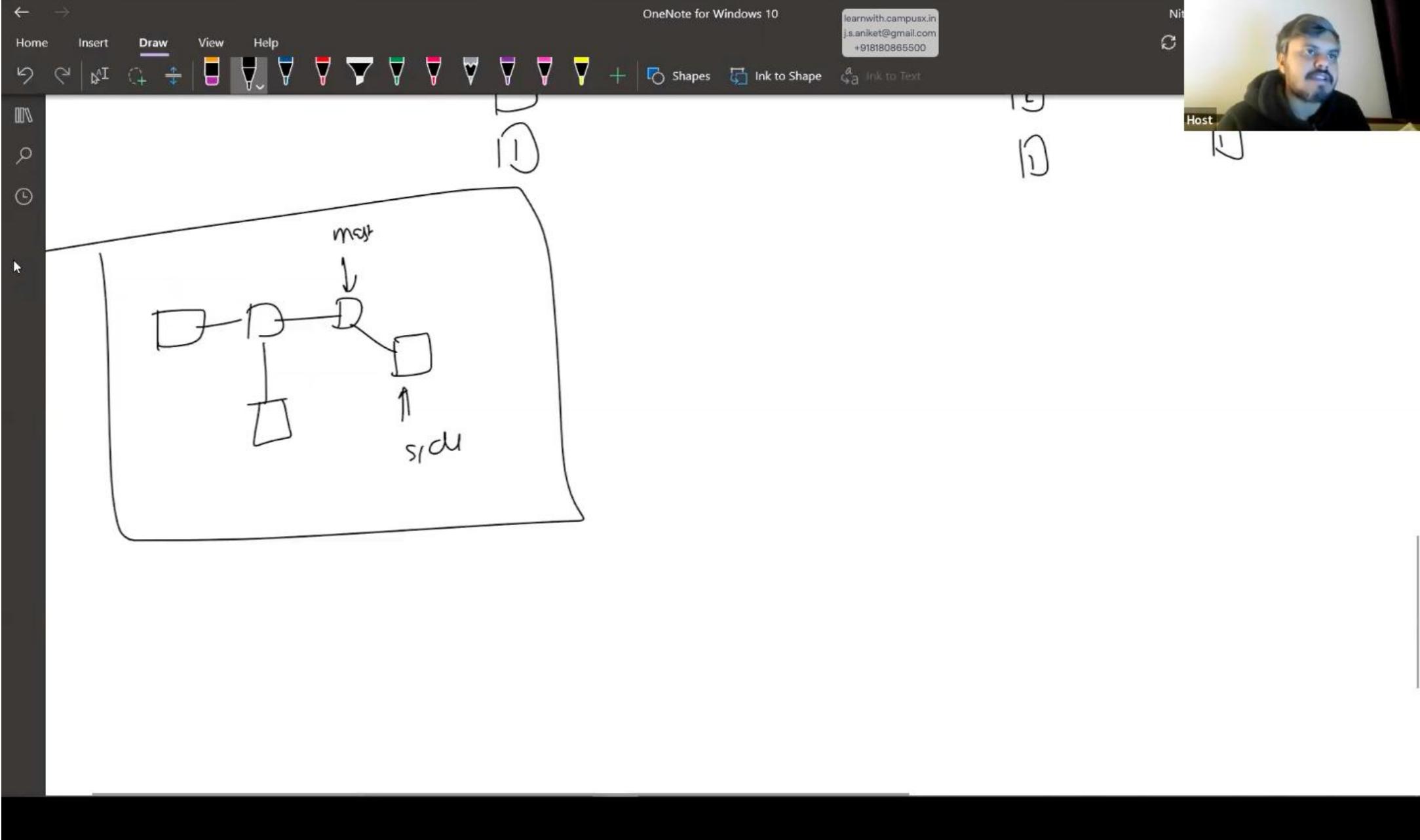
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add app.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "add menu title to sidebar"
[sidebar fb8bc839] add menu title to sidebar
 1 file changed, 3 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git log --oneline
fb8bc839 (HEAD -> sidebar) add menu title to sidebar
b98accd (master) add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$
```

At the bottom of the interface, there are several tabs: Git, TODO, Problems, Terminal, Python Packages, Python Console, Services, and a status bar indicating PEP 8: W292 no newline at end of file, and the current time and date: 18:25 CRLF UTF-8 4 spaces Python 3.11 sidebar.



A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window. On the left, the code editor displays a Python file named `app.py` with Streamlit code. On the right, a terminal window shows a git log output and several terminal commands run by a user named Nitish.

Code Editor (app.py):

```
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
```

Terminal Output:

```
$ git log --oneline
fbbc839 (HEAD -> sidebar) add menu title to sidebar
b98accd (master) add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ checkout master
bash: checkout: command not found

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add dsa to course list"
[master b7ec130] add dsa to course list
 1 file changed, 2 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

Bottom Status Bar:

PEP 8: W292 no newline at end of file 17:20 CRLF UTF-8 4 spaces Python 3.11 master

- > Scenario(Individual)
- > Scenario(Team)
- > Using branches -> You had one branch already
- > concept of head pointer

HEAD is the reference to the most recent commit in the current branch
keeps track of the latest commit in your current branch

- > Creating branches on head
- > Creating branches on past commits
- > Show all branches -> Active Branch
- > switch between branches->How this works?
- > Understanding what will come under a branch(git log)
- > Making new commits in all branches(git log)
- > see all branches at once -> --graph --all
- > deleting branches

Merging Branches

- > What is merging



Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$ git commit -m "add dsa to course list"
[master b7ec130] add dsa to course list
1 file changed, 2 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$ git log --oneline
b7ec130 (HEAD -> master) add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$ git log --oneline --all
b7ec130 (HEAD -> master) add dsa to course list
fbbc839 (sidebar) add menu title to sidebar
63d7dc4 (error-fix) edit title of home page
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$

-> Scenario(Individual)

-> Scenario(Team)

-> Using branches -> You had one branch already

-> concept of head pointer

HEAD is the reference to the most recent commit in t

keeps track of the latest commit in your current bran

-> Creating branches on head

-> Creating branches on past commits

-> Show all branches -> Active Branch

-> switch between branches->How this works?

-> Understanding what will come under a branch(git

-> Making new commits in all branches(git log)

-> see all branches at once -> --graph --all

-> deleting branches

Merging Branches

-> What is merging



Host

```
MINGW64:/c/Users/Nitish/Desktop/git-app
3adcb60 first commit
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline --all
b7ec130 (HEAD -> master) add dsa to course list
fbcc839 (sidebar) add menu title to sidebar
63d7dc4 (error-fix) edit title of home page
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

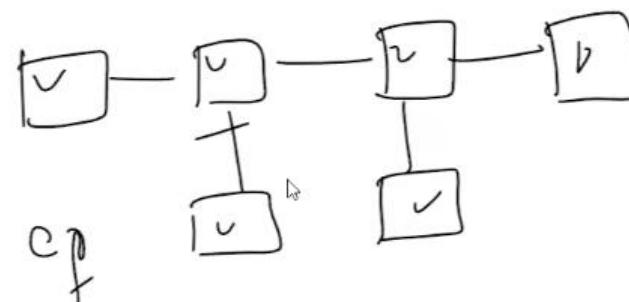
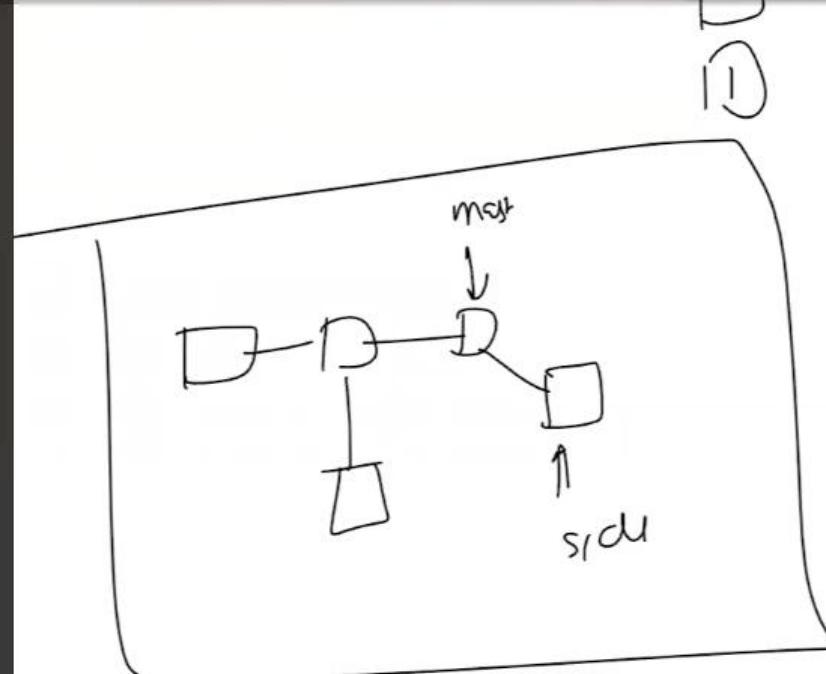
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline --all --graph
* b7ec130 (HEAD -> master) add dsa to course list
| * fbcc839 (sidebar) add menu title to sidebar
|/
| * b98accd add courses to the home page
| * 63d7dc4 (error-fix) edit title of home page
|/
| * 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

[←](#) [→](#)Home Insert **Draw** View Help

11

12



-> Scenario(Individual)

-> Scenario(Team)

-> Using branches -> You had one branch already

-> concept of head pointer

HEAD is the reference to the most recent commit in t

keeps track of the latest commit in your current bran

-> Creating branches on head

-> Creating branches on past commits

-> Show all branches -> Active Branch

-> switch between branches->How this works?

-> Understanding what will come under a branch(git

-> Making new commits in all branches(git log)

-> see all branches at once -> --graph --all

-> deleting branches

Merging Branches

-> What is merging



```
MINGW64:/c/Users/Nitish/Desktop/git-app Host
* fb8c839 (sidebar) add menu title to sidebar
|/
* b98accd add courses to the home page
| * 63d7dc4 (error-fix) edit title of home page
|/
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch -d error-fix
error: The branch 'error-fix' is not fully merged.
If you are sure you want to delete it, run 'git branch -D error-fix'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch -D error-fix
Deleted branch error-fix (was 63d7dc4).

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
* master
 sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

- > Scenario(Individual)
 - > Scenario(Team)
 - > Using branches -> You had one branch already
 - > concept of head pointer
- HEAD is the reference to the most recent commit in the current branch. It keeps track of the latest commit in your current branch.
- > Creating branches on head
 - > Creating branches on past commits
 - > Show all branches -> Active Branch
 - > switch between branches->How this works?
 - > Understanding what will come under a branch(git log)
 - > Making new commits in all branches(git log)
 - > see all branches at once -> --graph --all
 - > **deleting branches**

Merging Branches

- > What is merging



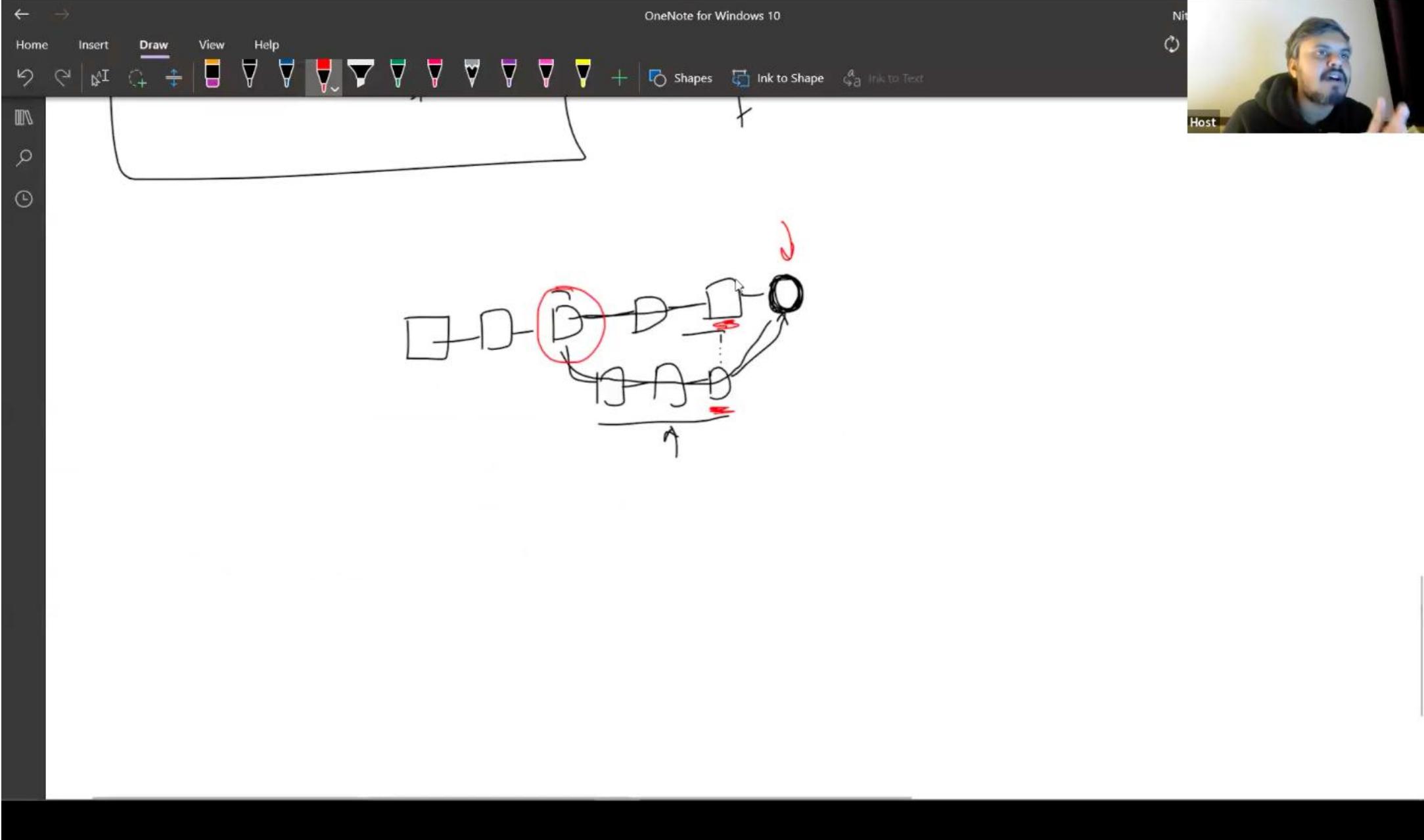
```
MINGW64:/c/Users/Nitish/Desktop/git-app
Deleted branch error-fix (was 63d7dc4). Host
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
* master
  sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch -D sidebar
Deleted branch sidebar (was fbbc839).

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch
* master

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
b7ec130 (HEAD -> master) add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```



OneNote for Windows 10

Host

The diagram illustrates a sequence of operations on a linked list, likely representing memory or data flow. It features two main components:

- fast forward**: A sequence of operations starting with a square box, followed by a series of connected rectangles, and ending with a square box labeled **maskV**. An arrow points from the first rectangle to a blue box labeled **maskW**, which is labeled **regular** with a checkmark.
- regular**: A sequence of operations starting with a square box, followed by a series of connected rectangles, and ending with a circle containing a square labeled **maskW**.

A blue box labeled **sidebar** contains an arrow pointing to the **maskV** box in the **fast forward** sequence.

Handwritten annotations include:

- A red horizontal line with several small red marks above the **fast forward** sequence.
- A red horizontal line with a single red mark below the **regular** sequence.

OneNote for Windows 10

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git log --oneline

```
b7ec130 (HEAD -> master) add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git log --oneline

```
b7ec130 (HEAD -> master) add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git branch sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git checkout sidebar

```
Switched to branch 'sidebar'
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)

\$ |

fast forward

master

sidebar → master



A screenshot of a code editor interface, likely PyCharm, displaying a Python Streamlit application named `app.py`. The code defines a Streamlit app with a title, two columns for images and text, and a sidebar menu.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project Commit
app.py .gitignore
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an online platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24 """)
```

The interface includes a top navigation bar with File, Edit, View, Navigate, Code, Refactor, Run, Tools, Git, Window, and Help options. Below the code editor are tabs for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. At the bottom, there is a status bar showing Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (50 minutes ago), and the current settings: 23:10, CRLF, UTF-8, 4 spaces, Python 3.11, and sidebar.



A screenshot of a software interface, likely a code editor or terminal emulator, showing a Python script and a terminal window.

The left pane shows a Python script named `app.py` with the following code:

```
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24 """)
```

The right pane shows a terminal window with the following command history:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app Host
$ git log --oneline
b7ec130 (HEAD -> master) add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git branch sidebar

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "Add menu items to menu"
[sidebar 5b51411] Add menu items to menu
 1 file changed, 8 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ |
```

The bottom status bar indicates:

- PEP 8: W292 no newline at end of file
- 24:5 CRLF UTF-8 4 spaces Python 3.11 sidebar



A screenshot of a developer's workspace showing a Python application being developed and versioned.

The application code in `app.py` includes:

```
st.title('CampusX')
col1,col2 = st.columns(2)
with col1:
    st.image('unnamed.jpg')
with col2:
    st.header('CampusX is an ONlinr platform')
st.header('Courses')
st.subheader('DSMP')
st.subheader('DAMP')
st.subheader('DEMP')
st.subheader('DSA')
st.sidebar.title('Menu')
st.sidebar.markdown("""
- Home
- About
- Contact
- Career
- Login
""")
```

The terminal window shows the developer's workflow:

```
$ git branch sidebar
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "Add menu items to menu"
[sidebar 5b51411] Add menu items to menu
 1 file changed, 8 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "Login and career to menu items"
[sidebar 0ccc6] Login and career to menu items
 1 file changed, 2 insertions(+)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$
```

At the bottom, the status bar indicates:

PEP 8: W292 no newline at end of file 26:5 CRLF UTF-8 4 spaces Python 3.11 sidebar



A screenshot of a code editor showing a Python application named 'git-app'. The code uses Streamlit's Streamlit (st) API to build a UI. It includes sections for a logo ('unnamed.jpg'), a header ('CampusX is an online platform'), and a sidebar with links to 'Home', 'About', 'Contact', 'Career', and 'Login'. The code also defines several subheaders under the 'Courses' section.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
Project Commit
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an online platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24     - Career
25     - Login
26 """)
```

The terminal window shows a series of git commands and their outputs:

- \$ git commit -m "Add menu items to menu"
[sidebar 5b51411] Add menu items to menu
1 file changed, 8 insertions(+), 1 deletion(-)
- \$ git add .
- \$ git commit -m "add login and career to menu items"
[sidebar 0ccc6ff] add login and career to menu items
1 file changed, 2 insertions(+)
- \$ git log --oneline --all --graph
 - * 0ccc6ff (HEAD -> sidebar) add login and career to menu items
 - * 5b51411 Add menu items to menu
 - * b7ec130 (master) add dsa to course list
 - * b98accd add courses to the home page
 - * 1790ac9 add image to the home page
 - * 3adcb60 first commit

At the bottom, the status bar indicates PEP 8: W292 no newline at end of file, and the file encoding is set to CRLF, UTF-8, 4 spaces, Python 3.11.



A screenshot of a code editor (PyCharm) showing a Streamlit application named 'CampusX'. The code uses Streamlit's column API to create two columns, each containing an image and a header. The 'Courses' section lists DSMP, DAMP, DEMP, and DSA.

```
import streamlit as st

st.title('CampusX')

col1,col2 = st.columns(2)

with col1:
    st.image('unnamed.jpg')

with col2:
    st.header('CampusX is an ONlinr platform')

st.header('Courses')
st.subheader('DSMP')
st.subheader('DAMP')
st.subheader('DEMP')
st.subheader('DSA')
```

The terminal window shows the history of git commits:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
1 file changed, 2 insertions(+)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git log --oneline --all --graph
* 0ccc6ff (HEAD -> sidebar) add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 (master) add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git merge sidebar
Updating b7ec130..0ccc6ff
Fast-forward
  app.py | 11 ++++++----
  1 file changed, 10 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

Details about the host are visible in the video call interface:

learnwith.campusx.in
j.s.aniket@gmail.com
+918180865500

Project navigation bar: File Edit View Navigate Code Refactor Run Tools Git Window Help

Git configuration: Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (52 minutes ago)

Bottom status bar: 17:20 CRLF UTF-8 4 spaces Python 3.11 master



A screenshot of a code editor (PyCharm) showing a Streamlit application named 'CampusX'. The code uses Streamlit's sidebar feature to create a navigation menu. The sidebar includes links for Home, About, Contact, Career (which is highlighted in yellow), and Login.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project Commit
1 import streamlit as st
2
3 st.title('CampusX')
4
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24     - Career
25     - Login
26 """)
```

The terminal window shows a git session with several commits:

```
* 3adcb60 first commit
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git merge sidebar
Updating b7ec130..0ccc6ff
Fast-forward
  app.py | 11 ++++++++-
  1 file changed, 10 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline --all --graph
* 0ccc6ff (HEAD -> master, sidebar) add login and career to menu item
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```

At the bottom, there are tabs for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. A status bar at the bottom indicates the file has 25:8 (90 chars, 6 line breaks) and is in CRLF, UTF-8, 4 spaces mode, using Python 3.11, and is on the master branch.



A screenshot of a code editor interface, likely PyCharm, displaying Python code for a Streamlit application. The code defines a Streamlit app with two columns, each containing an image and a header. It also includes a sidebar with a menu. The code is color-coded for syntax.

```
import streamlit as st
st.title('CampusX')
col1,col2 = st.columns(2)
with col1:
    st.image('screenshot1.png')
with col2:
    st.header('CampusX is an ONlinr platform')
st.header('Courses')
st.subheader('DSMP')
st.subheader('DAMP')
st.subheader('DEMP')
st.subheader('DSA')
st.sidebar.title('Menu')
st.sidebar.markdown("""
- Home
- About
- Contact
- Career
- Login
""")
```

The interface includes a top navigation bar with File, Edit, View, Navigate, Code, Refactor, Run, Tools, Git, Window, Help, and a tab for 'git-app - app.py'. On the left, there's a Project tree showing a 'git-app' folder with files like '.gitignore', 'app.py', 'screenshot1.png', and 'unnamed.jpg'. Below the project tree are sections for External Libraries and Scratches and Consoles. At the bottom, there are tabs for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. A status bar at the bottom right shows the time as 8:30, encoding as CRLF, character set as UTF-8, spaces as 4, Python version as 3.11, and the branch as master.



A screenshot of a software interface showing a code editor and a terminal window. The code editor displays Python code for a Streamlit application. The terminal window shows a git log output and command history.

The code in the editor:

```
1 import streamlit as st
2
3 st.title('Campus')
4 col1,col2 = st.columns(2)
5
6 with col1:
7     st.image('screenshot1.png')
8
9 with col2:
10    st.header('Courses')
11    st.subheader('DSA')
12    st.subheader('DSA')
13    st.subheader('DSA')
14    st.subheader('DSA')
15    st.sidebar.title('Sidebar')
16    st.sidebar.markdown(
17        '- Home  
- About  
- Contact  
- Career  
- Login  
'''')
```

The terminal output:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Updating b7ec130..0ccc6ff
Fast-forward
  app.py | 11 ++++++++-+
  1 file changed, 10 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline --all --graph
* 0ccc6ff (HEAD -> master, sidebar) add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add app.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "replace header image"
[master 93e3eb9] replace header image
  1 file changed, 1 insertion(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git che
```

Project navigation bar:

- File
- Edit
- View
- Navigate
- Code
- Refactor
- Run
- Tools
- Git
- Window
- Help

Project tree:

- git-app
 - .gitignore
 - app.py
 - screenshot1.png
 - unnamed.jpg
- External Libraries
- Scratches and Consoles

Bottom navigation bar:

- Git
- TODO
- Problems
- Terminal
- Python Packages
- Python Console
- Services

Bottom status bar:

- Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (54 minutes ago)
- 15:21 CRLF UTF-8 4 spaces Python 3.11 master

A screenshot of a software interface, likely PyCharm, showing a code editor and a terminal window. The code editor displays Python code for a Streamlit application. The terminal window shows a git log output and a terminal session where a user is navigating through branches.

Code Editor:

```
1 import streamlit as st
2
3 st.title('CampusX')
4 col1,col2 = st.columns(2)
5 with col1:
6     st.image('screenshot1.png')
7 with col2:
8     st.header('Courses')
9     st.subheader('DSA')
10    st.subheader('DSA')
11    st.subheader('DSA')
12    st.subheader('DSA')
13    st.sidebar.title('Sidebar')
14    st.sidebar.markdown(
15        '- Home  
- About  
- Contact  
- Career  
- Login  
'''')
```

Terminal:

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline --all --graph
* 0ccc6ff (HEAD -> master, sidebar) add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add app.py
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "replace header image"
[master 93e3eb9] replace header image
 1 file changed, 1 insertion(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git checkout sidebar
Switched to branch 'sidebar'
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$
```

Project Explorer:

- git-app
- app.py
- .gitignore
- screenshot1.png
- unnamed.jpg

Bottom Bar:

- Git
- TODO
- Problems
- Terminal
- Python Packages
- Python Console
- Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (54 minutes ago)



A screenshot of a software interface, likely a development environment, showing a code editor and various toolbars. The code editor displays Python code for a Streamlit application (`app.py`). The code includes imports from Streamlit, definitions for two columns (`col1, col2`), and a sidebar menu with links to Home, About, Contact, Career, and Login.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project Commit
Host
5 col1, col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24     - Career
25     - Login
26 """)
27
```



At the bottom of the interface, there are several toolbars and status indicators. The toolbars include: Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. The status indicators show: Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (55 minutes ago); 26:5 CRLF UTF-8 4 spaces Python 3.11; and sidebar.



A screenshot of a software development environment, likely PyCharm, displaying a Python script named `app.py`. The code uses Streamlit (`st`) to create a sidebar menu and a two-column layout. The sidebar includes links for Home, About, Contact, Career, and Login. The main area shows two columns: one containing an image and the other containing a header and several subheaders for different courses.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project Commit
app.py .gitignore
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24     - Career
25     - Login
26 """)
27
28 st.sidebar.selectbox('Select one',['teacher','student'])
29 st.sidebar.button('select')
```

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (55 minutes ago)

29:26 CRLF UTF-8 4 spaces Python 3.11 sidebar



A screenshot of a code editor (PyCharm) showing a Python script named `app.py`. The script uses Streamlit (`st`) to create a sidebar with a title, course headers, and a menu. It also includes a dropdown and a button.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
Project Commit
5 col1,col2 = st.columns(2)
6
7 with col1:
8     st.image('unnamed.jpg')
9
10 with col2:
11     st.header('CampusX is an ONlinr platform')
12
13 st.header('Courses')
14 st.subheader('DSMP')
15 st.subheader('DAMP')
16 st.subheader('DEMP')
17 st.subheader('DSA')
18
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21     - Home
22     - About
23     - Contact
24     - Career
25     - Login
26 """)
27
28 st.sidebar.selectbox('Select one',['teacher','student'])
29 st.sidebar.button('Select')
```

The right side of the screen shows a terminal window with a GitHub-hosted Git session. The user has switched to the 'sidebar' branch and committed changes. The commit message is "Add dropdown and button to sidebar". The terminal then shows the commit history, which includes the current commit and several previous commits from the 'master' branch:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Switched to branch 'sidebar'

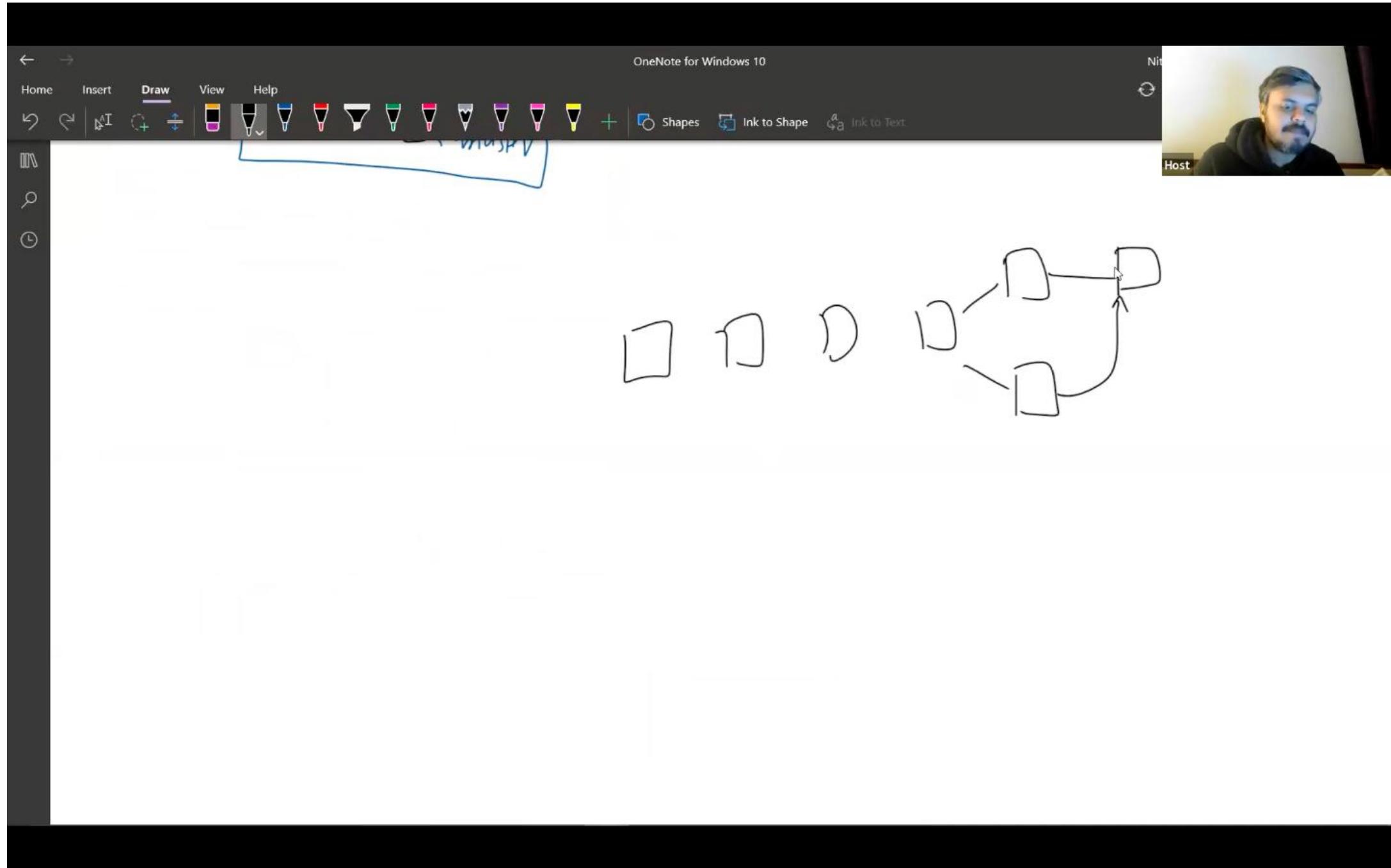
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add app.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "Add dropdown and button to sidebar"
[sidebar 505f226] Add dropdown and button to sidebar
 1 file changed, 4 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git log --oneline --all --graph
* 505f226 (HEAD -> sidebar) Add dropdown and button to sidebar
| * 93e3eb9 (master) replace header image
|
* 0ccc6ff add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$
```

At the bottom of the terminal window, there is a small 'Host' button.



OneNote for Windows 10

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)

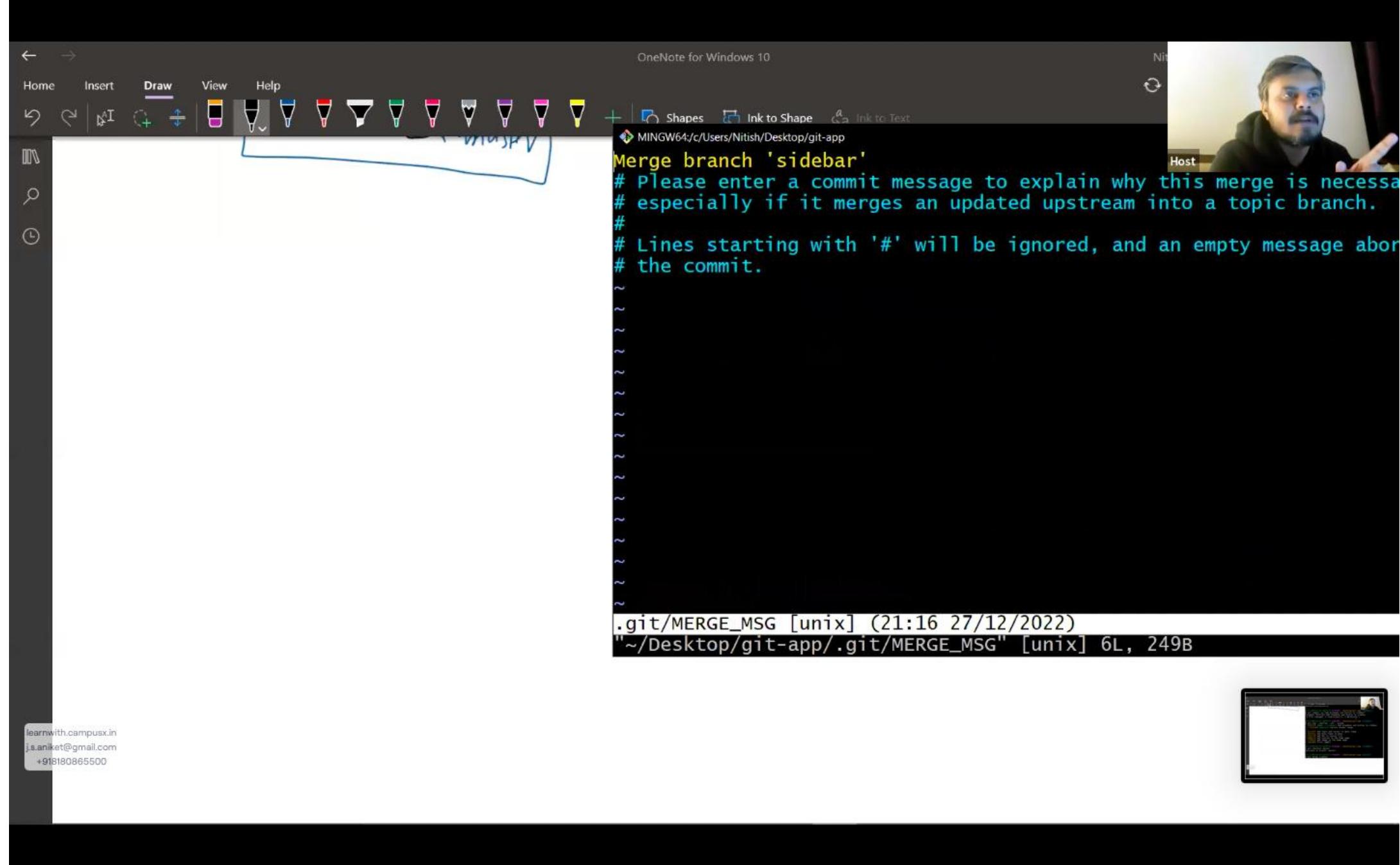
```
$ git commit -m "Add dropdown and button to sidebar"
[sidebar 505f226] Add dropdown and button to sidebar
1 file changed, 4 insertions(+), 1 deletion(-)

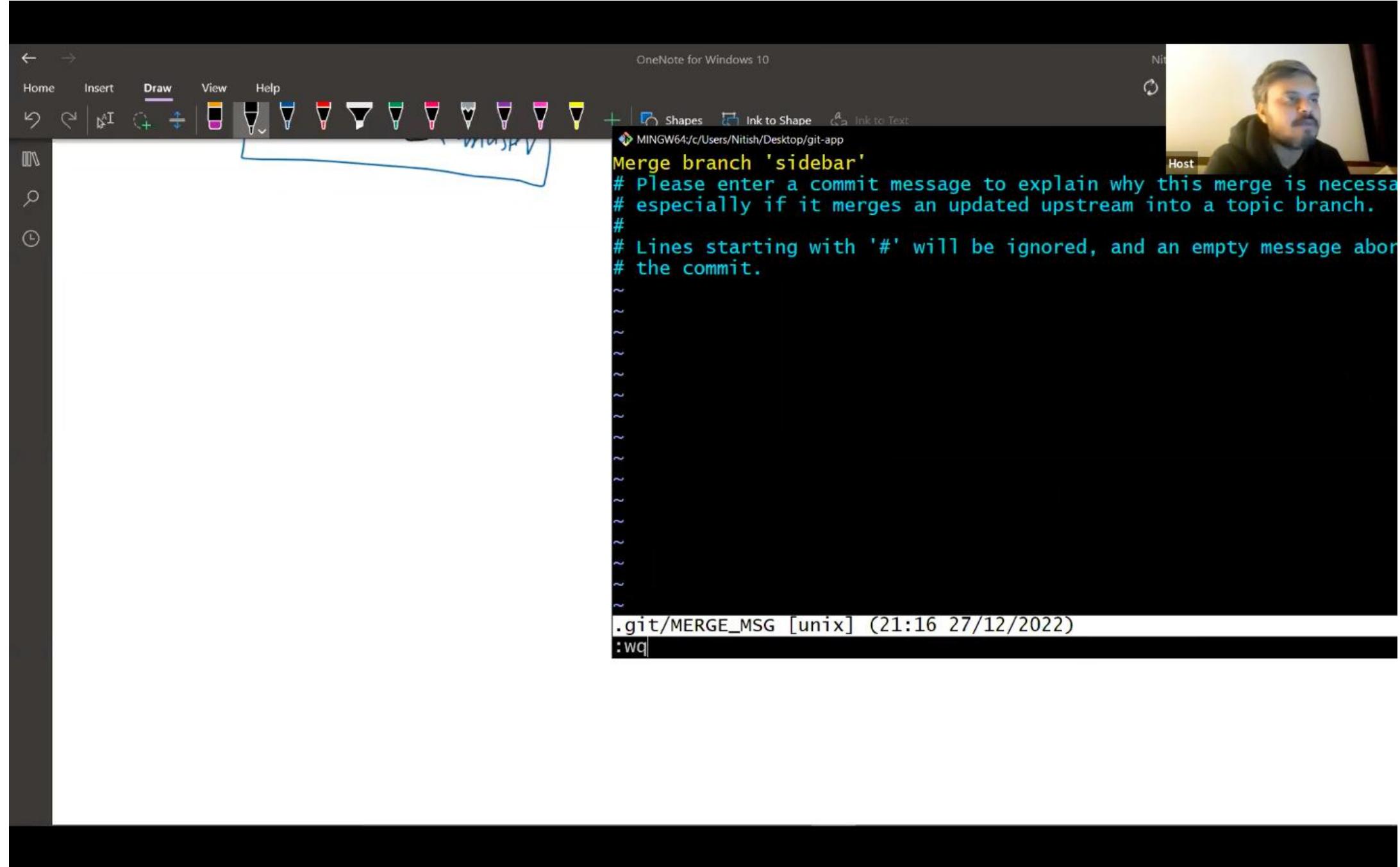
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git log --oneline --all --graph
* 505f226 (HEAD -> sidebar) Add dropdown and button to sidebar
| * 93e3eb9 (master) replace header image
|/
* 0ccc6ff add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git merge sidebar
```

Host





OneNote for Windows 10

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

\$ git merge sidebar
Auto-merging app.py
Merge made by the 'ort' strategy.
 app.py | 5 +---
 1 file changed, 4 insertions(+), 1 deletion(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$ git log --oneline --all --graph
* 84ed302 (HEAD -> master) Merge branch 'sidebar'
| * 505f226 (sidebar) Add dropdown and button to sidebar
* | 93e3eb9 replace header image
|/
* 0ccc6ff add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$



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A screenshot of a software interface, likely PyCharm, displaying a Python script named `app.py`. The code uses Streamlit (`st`) to build a web application. The application features a sidebar with links to Home, About, Contact, Career, and Login. It includes a select box for choosing between teacher and student roles, and a title that changes based on the selection. The code is annotated with line numbers from 8 to 31.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project Commit Bookmarks Structure Bookmarks
8     st.image('screenshot1.png')
9
10    with col2:
11        st.header('CampusX is an ONlinr platform')
12
13    st.header('Courses')
14    st.subheader('DSMP')
15    st.subheader('DAMP')
16    st.subheader('DEMP')
17    st.subheader('DSA')
18
19    st.sidebar.title('Menu')
20    st.sidebar.markdown("""
21        - Home
22        - About
23        - Contact
24        - Career
25        - Login
26    """)
27
28    st.sidebar.selectbox('Select one', ['teacher', 'student'])
29    st.sidebar.button('Select')
30
31    st.title('Hello teacher')
```

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Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (1 hour ago)

31:24 CRLF UTF-8 4 spaces Python 3.11 master



A screenshot of a software interface, likely a code editor or development environment, showing a Python script named `app.py`. The script uses Streamlit (`st`) to build a web application. The code includes sections for sidebar navigation, user selection, and dynamic title generation based on user input.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
Project Commit
8     st.image('unnamed.jpg')
9
10    with col2:
11        st.header('CampusX is an ONlinr platform')
12
13    st.header('Courses')
14    st.subheader('DSMP')
15    st.subheader('DAMP')
16    st.subheader('DEMP')
17    st.subheader('DSA')
18
19    st.sidebar.title('Menu')
20    st.sidebar.markdown("""
21        - Home
22        - About
23        - Contact
24        - Career
25        - Login
26    """)
27
28    option = st.sidebar.selectbox('Select one',['teacher','student'])
29    btn = st.sidebar.button('Select')
30
31    if btn:
32        st.title("hello " + option)

if btn
Git TODO Problems Terminal Python Packages Python Console Services
PEP 8: W292 no newline at end of file 32:32 CRLF UTF-8 4 spaces Python 3.11 sidebar
```



A screenshot of a software interface showing a code editor and a terminal window.

The code editor on the left displays a Python script named `app.py`. The script uses Streamlit (`st`) to create a sidebar with various sections and a main content area with a title and a button. The terminal window on the right shows a sequence of Git commands run from a Windows terminal (`MINGW64`). The commands include checking out the `sidebar` branch, adding changes, committing them with a message, switching back to the `master` branch, and attempting to merge the `sidebar` branch into it. A merge conflict is indicated in the `app.py` file.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
Project Commit
8     st.image('screenshot1.png')
9
10    with col2:
11        st.header('CampusX is an ONlinr platform')
12
13    st.header('Courses')
14    st.subheader('DSMP')
15    st.subheader('DAMP')
16    st.subheader('DEMP')
17    st.subheader('DSA')
18
19    st.sidebar.title('Menu')
20    st.sidebar.markdown("""
21        - Home
22        - About
23        - Contact
24        - Career
25        - Login
26    """)
27
28    st.sidebar.selectbox('Select one', ['teacher', 'student'])
29    st.sidebar.button('Select')
30
31    st.title('Hello teacher')

MINGW64:/c/Users/Nitish/Desktop/git-app
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app Host
$ git checkout sidebar
Switched to branch 'sidebar'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git add .

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git commit -m "add conditional message"
[sidebar 6f687cc] add conditional message
 1 file changed, 5 insertions(+), 2 deletions(-)

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)
$ git checkout master
Switched to branch 'master'

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git merge sidebar
Auto-merging app.py
CONFLICT (content): Merge conflict in app.py
Automatic merge failed; fix conflicts and then commit the result.

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master|MERGING)
$
```

Git TODO Problems Terminal Python Packages Python Console Services

PEP 8: W292 no newline at end of file 31:26 (111 chars, 3 line breaks) CRLF UTF-8 4 spaces Python 3.11 master



```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project app.py .gitignore
Commit
19     st.sidebar.title('Menu')
20     st.sidebar.markdown("""
21         - Home
22         - About
23         - Contact
24         - Career
25         - Login
26     """)
27
28 <<<<< HEAD
29     st.sidebar.selectbox('Select one',['teacher','student'])
30     st.sidebar.button('Select')
31
32     st.title('Hello teacher')
33 =====
34     option = st.sidebar.selectbox('Select one',['teacher','student'])
35     btn = st.sidebar.button('Select')
36
37     if btn:
38         st.title("hello " + option)
39     >>>>> sidebar
40
```



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app > app.py .gitignore
Project app.py .gitignore
Commit
19 st.sidebar.title('Menu')
20 st.sidebar.markdown("""
21 - Home
22 - About
23 - Contact
24 - Career
25 - Login
26 """)
27
28 <<<<< HEAD
29 st.sidebar.selectbox('Select one',['teacher','student'])
30 st.sidebar.button('Select')
31
32 st.title('Hello teacher')
33 =====
34 option = st.sidebar.selectbox('Select one',['teacher','student'])
35 btn = st.sidebar.button('Select')
36
37 if btn:
38 st.title("hello " + option)
39 >>>>> sidebar
40
Unresolved reference 'sidebar'
39:16 CRLF UTF-8 4 spaces Python 3.11 Merging master



A screenshot of a software interface showing a code editor and a terminal window.

The code editor on the left displays a Python script named `app.py`. The script contains code for a sidebar menu and a conditional message. A yellow highlight covers the line `if btn:`.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app app.py .gitignore
Project Commit Sidebar is an online platform
12
13     st.header('Courses')
14     st.subheader('DSMP')
15     st.subheader('DAMP')
16     st.subheader('DEMP')
17     st.subheader('DSA')
18
19     st.sidebar.title('Menu')
20     st.sidebar.markdown("""
21         - Home
22         - About
23         - Contact
24         - Career
25         - Login
26     """)
27
28     option = st.sidebar.selectbox('Select one', ['te
29     btn = st.sidebar.button('Select')
30
31     if btn:
32         st.title("hello " + option)
33
if btn
```

The terminal window on the right shows a series of git commands and their outputs:

- `Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app Host`
\$ git commit -m "add conditional message"
[sidebar 6f687cc] add conditional message
1 file changed, 5 insertions(+), 2 deletions(-)
- `Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (sidebar)`
\$ git checkout master
Switched to branch 'master'
- `Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)`
\$ git merge sidebar
Auto-merging app.py
CONFLICT (content): Merge conflict in app.py
Automatic merge failed; fix conflicts and then commit the result.
- `Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master|MERGING)`
\$ git add .
- `Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master|MERGING)`
\$ git commit -m "merge with sidebar"
[master 6e6d222] merge with sidebar
- `Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)`
\$

At the bottom, there are navigation icons for Git, TODO, Problems, Terminal, Python Packages, Python Console, and Services. The status bar at the bottom right shows the time as 32:32, encoding as CRLF, character set as UTF-8, spaces as 4 spaces, Python version as 3.11, and a warning about merging master.



A screenshot of a software development environment showing a Python application and its git history.

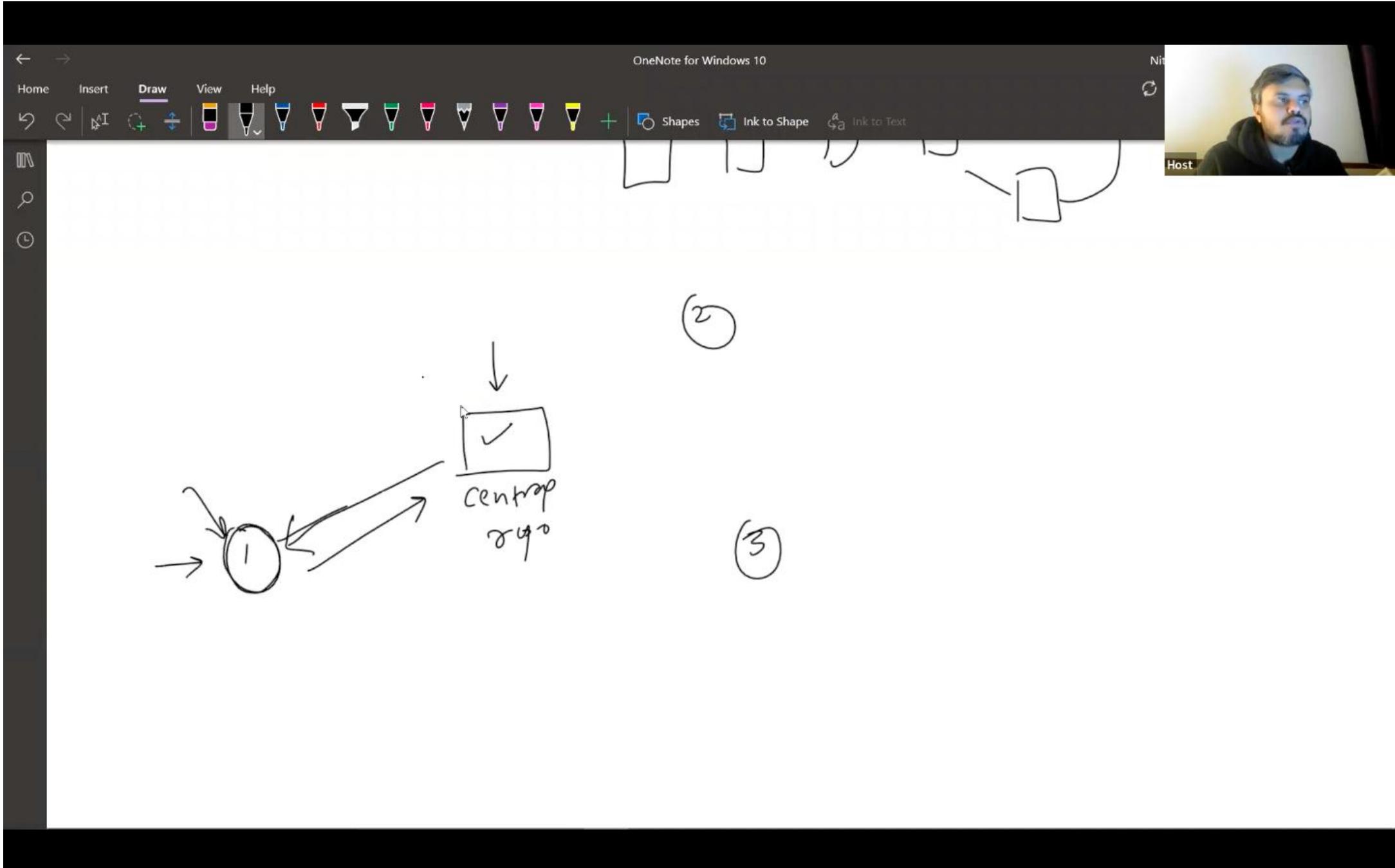
The left pane shows the code editor with the file `app.py` open. The code uses Streamlit (`st`) to build a sidebar menu and a main content area. A conditional block checks if a button is pressed to update the title.

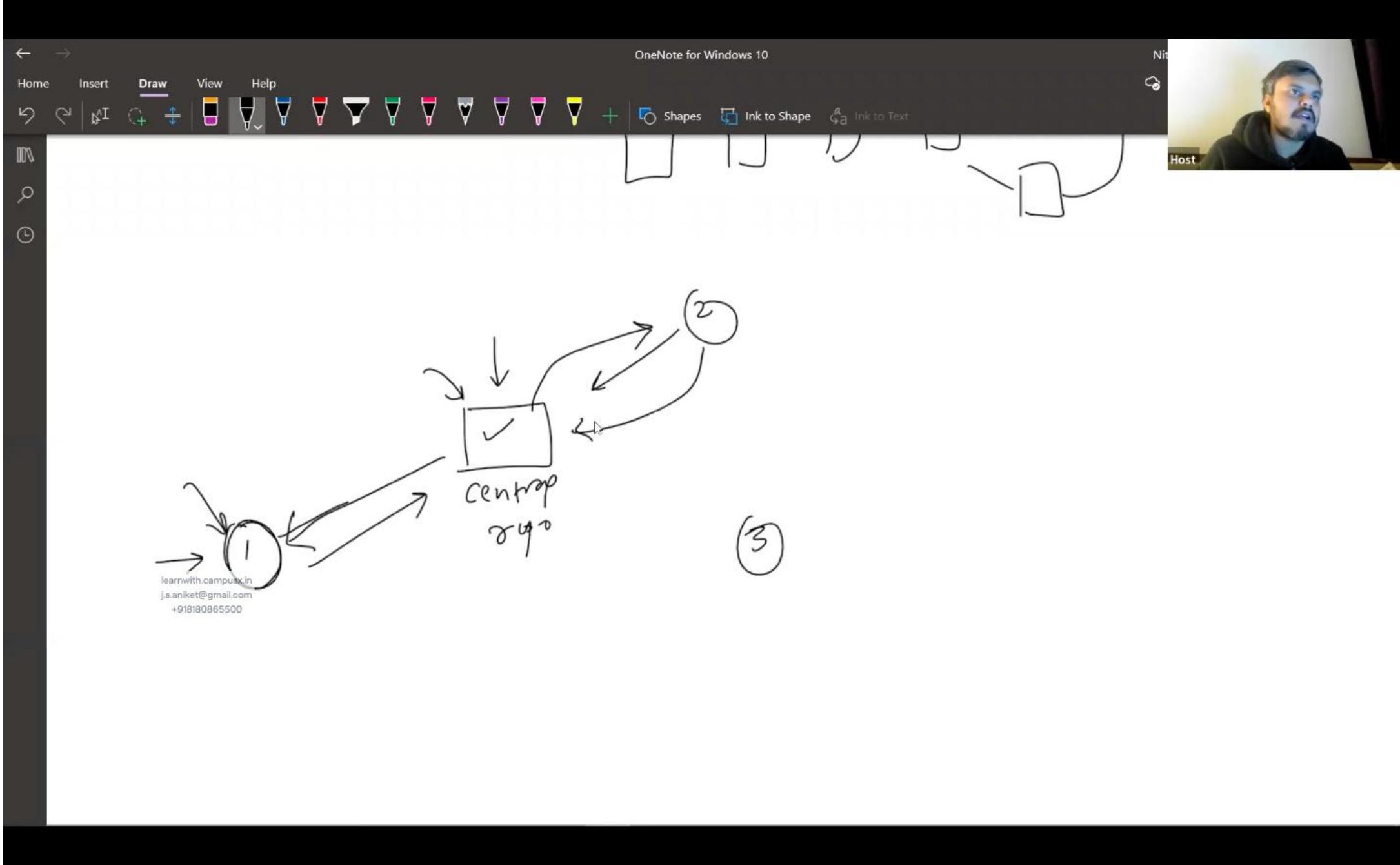
```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py  
git-app app.py .gitignore  
Project Commit 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33  
st.header('Courses')  
st.subheader('DSMP')  
st.subheader('DAMP')  
st.subheader('DEMP')  
st.subheader('DSA')  
  
st.sidebar.title('Menu')  
st.sidebar.markdown("")  
- Home  
- About  
- Contact  
- Career  
- Login  
""")  
  
option = st.sidebar.selectbox('Select one', ['te')  
btn = st.sidebar.button('Select')  
  
if btn:  
    st.title("hello " + option)  
  
if btn
```

The right pane displays the terminal output showing the git commit history:

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app Host  
$ git commit -m "merge with sidebar"  
[master 6e6d22] merge with sidebar  
  
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)  
$ git log --oneline --all --graph  
* 6e6d222 (HEAD -> master) merge with sidebar  
| \  * 6f687cc (sidebar) add conditional message  
* | 8f4b635 add greeting message to home page  
* | 84ed30 Merge branch 'sidebar'  
| \|  * 505f226 Add dropdown and button to sidebar  
* | 93e3eb9 replace header image  
| /  
* 0ccc6ff add login and career to menu items  
* 5b51411 Add menu items to menu  
* b7ec130 add dsa to course list  
* b98accd add courses to the home page  
* 1790ac9 add image to the home page  
* 3adcb60 first commit  
  
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)  
$ |
```

At the bottom, the status bar shows: Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (today 20:19). The terminal also shows the current time as 32:32 and other details like CRLF, UTF-8, 4 spaces, Python 3.11, and a warning about merging master.



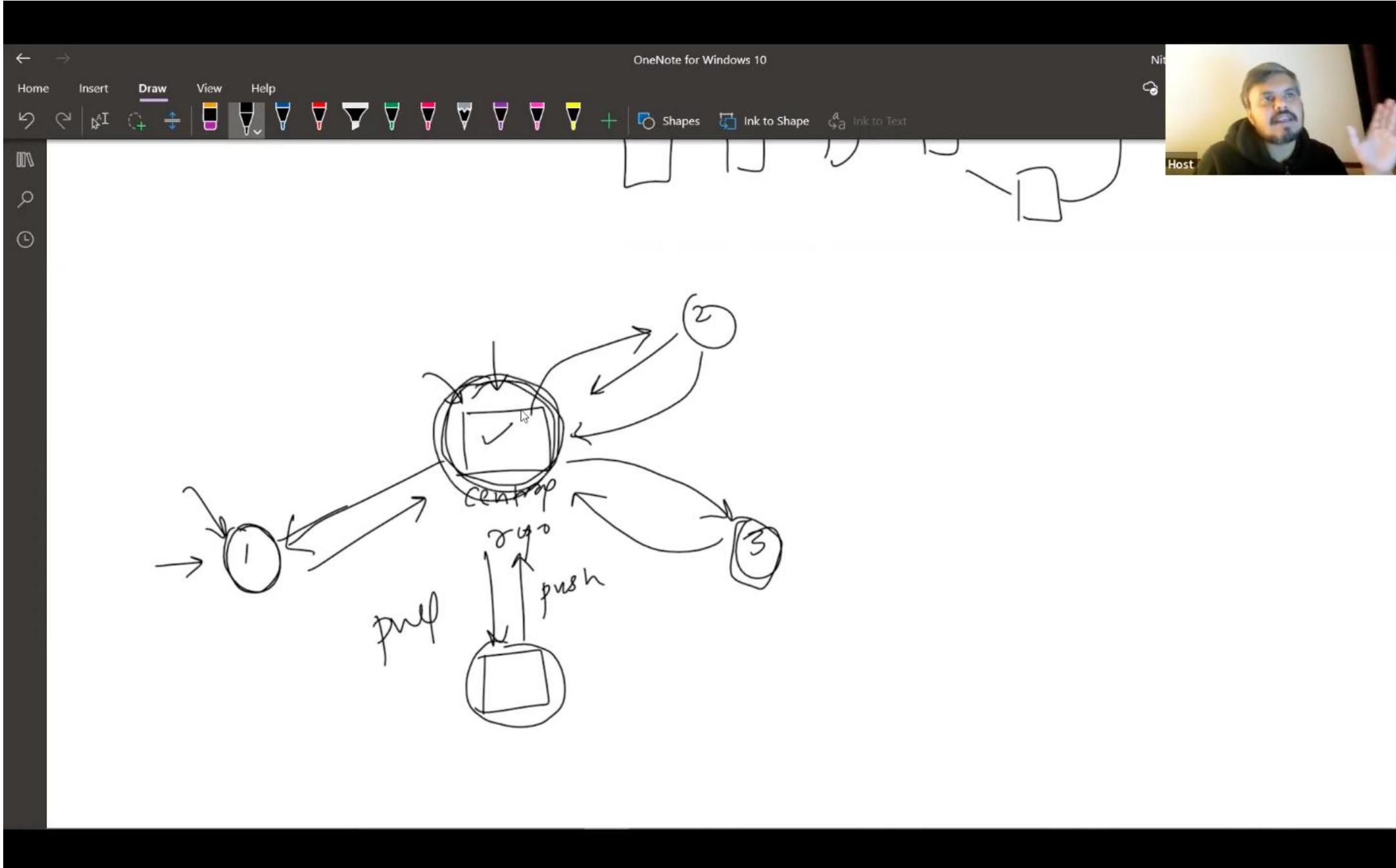


OneNote for Windows 10

Host

centrap
≈ 49°

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+918180865500



tentative-schedule - C | Ask your question - G | My Drive - Google Drive | Course Builder | Post Attendee - Zoom | app · Streamlit | campusx-official/sam |

← → C 🔒 github.com/campusx-official/sample-git-app

MINGW64:/c/Users/Nitish/Desktop/git-app

Quick setup — if you've

Set up in Desktop or HTTP

Get started by [creating a new file or](#)

* 0ccc6ff add login and career to menu items
* 5b51411 Add menu items to menu
* b7ec130 add dsa to course list
* b98accd add courses to the home page
* 1790ac9 add image to the home page
* 3adcb60 first commit

...or create a new repository

```
echo "# sample-git-app" >> README.md
git init
git add README.md
git commit -m "Initial commit"
git branch -M main
git remote add origin https://github.com/campusx-official/sample-git-app.git
git push -u origin main
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$ git remote
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$ git remote add origin https://github.com/campusx-official/sample-git-app.git
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$ git remote
origin
```

...or push an existing repository

```
git remote add origin https://github.com/campusx-official/sample-git-app.git
git branch -M main
git push -u origin main
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$ git remote -v
origin  https://github.com/campusx-official/sample-git-app.git (fetch)
origin  https://github.com/campusx-official/sample-git-app.git (push)
```

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)

```
$
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

💡 ProTip! Use the URL for this page when adding GitHub as a remote.



Host

-> Resolving Conflicts

Undoing Changes

- > editing the last commit message
- > forgot to add some files to the commit
- > rolling back to a specific state
- > revert a commit

Working with a remote repo

- > Need to scenario -> collaborate
- > The flow diagram
- > create a new repo on github
- > add remote(git remote add <remote> <url>)
- > push code(git push <remote> <branch name>)
- > **git log -> tracking branch**
- > add a readme file
- > pull code

```
MINGW64:/c/Users/Nitish/Desktop/git-app
Compressing objects: 100% (36/36), done.
Writing objects: 100% (39/39), 1.11 MiB | 776.00 KiB/s, done.
Total 39 (delta 13), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (13/13), done.
To https://github.com/campusx-official/sample-git-app.git
 * [new branch]      master -> master

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
6e6d222 (HEAD -> master, origin/master) merge with sidebar
6f687cc (sidebar) add conditional message
8f4b635 add greeting message to home page
84ed302 Merge branch 'sidebar'
505f226 Add dropdown and button to sidebar
93e3eb9 replace header image
0ccc6ff add login and career to menu items
5b51411 Add menu items to menu
b7ec130 add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit
```



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py

git-app

Project .gitignore app.py .gitignore

git-app C:\Users\Nitish\Desktop\git-app

.gitignore
app.py
screenshot1.png
unnamed1.jpg

External Libraries learnwith.campusx.in
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+918180865500

Commit Pull Requests

Host

```
12
13     st.header('Courses')
14     st.subheader('DSMP')
15     st.subheader('DAMP')
16     st.subheader('DEMP')
17     st.subheader('DSA')
18
19     st.sidebar.title('Menu')
20     st.sidebar.markdown("""
21         - Home
22         - About
23         - Contact
24         - Career
25         - Login
26     """)
27
28     option = st.sidebar.selectbox('Select one',['teacher','student'])
29     btn = st.sidebar.button('Select')
30
31     if btn:
32         st.title("Hello " + option)
```

New File Name

Bookmarks Structure

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (today 20:19) 24:9 CRLF UTF-8 4 spaces Python 3.11 master

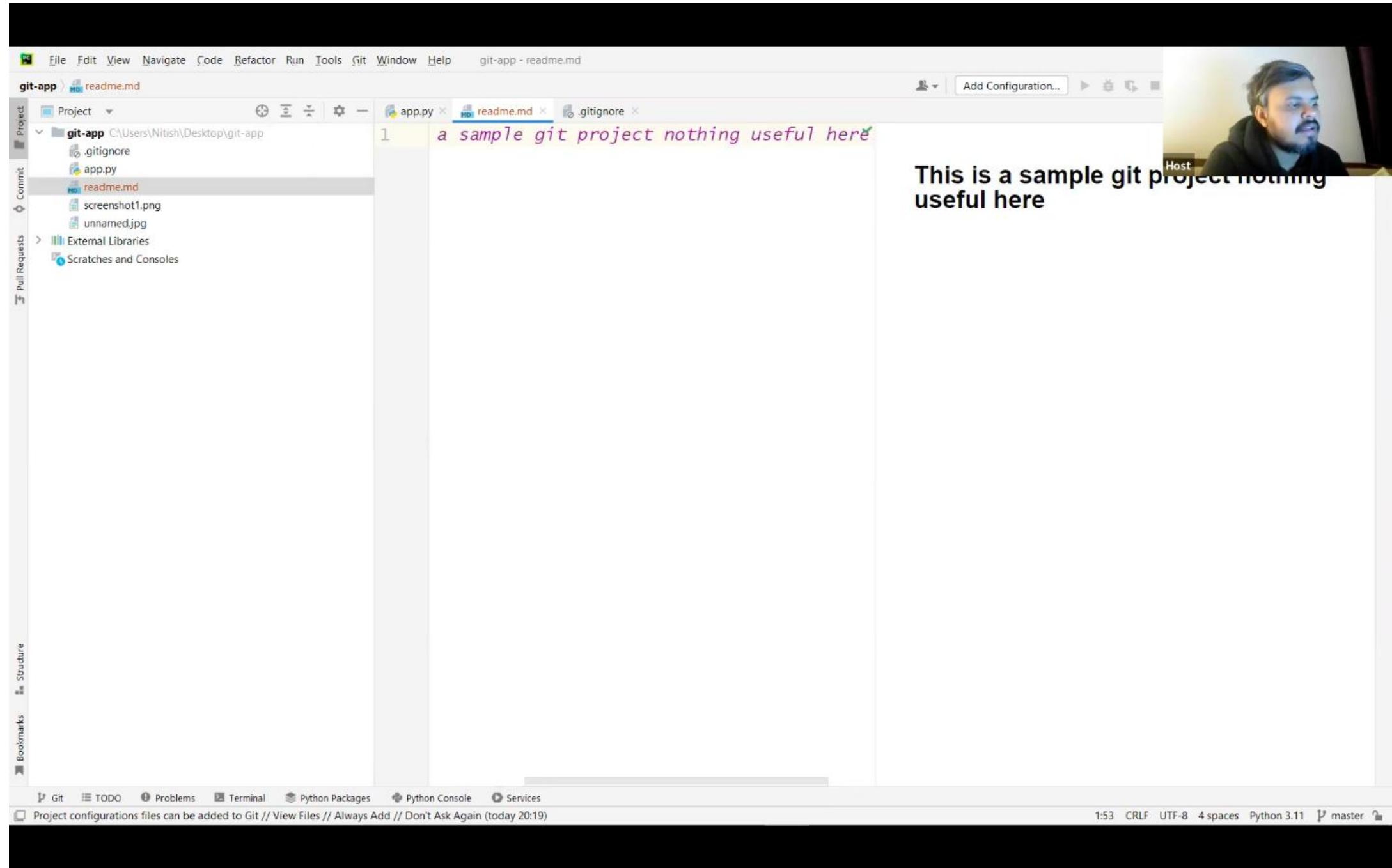


The screenshot shows a software interface for a video conference or live stream. On the right side, there is a video feed of a man with a beard and dark hair, labeled "Host". Below the video feed, there is a smaller video feed of another person, labeled "Participant".

The main area of the interface is a code editor window titled "git-app". The file being edited is "app.py". The code is written in Python and uses the Streamlit library to create a user interface. The code includes sections for sidebar navigation, a select box for teacher or student selection, and a conditional block for handling button clicks.

```
File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - app.py
git-app
Project .gitignore app.py .gitignore
git-app C:\Users\Nitish\Desktop\git-app
.gitignore
app.py
screenshot1.png
unnamed1.jpg
External Libraries learnwith.campusx.in
Scratches and Code
Host
12
13     st.header('Courses')
14     st.subheader('DSMP')
15     st.subheader('DAMP')
16     st.subheader('DEMP')
17     st.subheader('DSA')
18
19     st.sidebar.title('Menu')
20     st.sidebar.markdown("""
21         - Home
22         - About
23         - Contact
24         - Career
25         - Login
26     """)
27
28     option = st.sidebar.selectbox('Select one',['teacher','student'])
29     btn = st.sidebar.button('Select')
30
31     if btn:
32         st.title("Hello " + option)
33
New File
readme.md
```

At the bottom of the code editor, there is a "New File" button and a "readme.md" file listed. The bottom of the screen shows various toolbars and status bars, including "Git", "TODO", "Problems", "Terminal", "Python Packages", "Python Console", "Services", and a message about project configuration files. The status bar also displays the current file path, encoding, character count, and the current branch name "master".



a sample git project nothing useful here

This is a sample git project nothing useful here

Host

File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - readme.md

git-app readme.md

Project

git-app C:\Users\Nitish\Desktop\git-app

- .gitignore
- app.py
- readme.md
- screenshot1.png
- unnamed.jpg

External Libraries

Scratches and Consoles

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (today 20:19)

1:53 CRLF UTF-8 4 spaces Python 3.11 master



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - readme.md

git-app README.md

Project git-app C:\Users\Nitish\Desktop\git-app

.gitignore
app.py
readme.md
screenshot1.png
unnamed.jpg

Commit Host

Pull Requests

Structure

Bookmarks

MINGW64:/c/Users/Nitish/Desktop/git-app

6e6d222 (HEAD -> master, origin/master) merge with sidebar
6f687cc (sidebar) add conditional message
8f4b635 add greeting message to home page
84ed302 Merge branch 'sidebar'
505f226 Add dropdown and button to sidebar
93e3eb9 replace header image
0ccc6ff add login and career to menu items
5b51411 Add menu items to menu
b7ec130 add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git add .
```

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add readme file to project"
[master c0800fc] add readme file to project
 1 file changed, 1 insertion(+)
 create mode 100644 readme.md
```

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ |
```

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (today 20:19)

1:54 CRLF UTF-8 4 spaces Python 3.11 master



File Edit View Navigate Code Refactor Run Tools Git Window Help git-app - README.md

git-app README.md

Project git-app C:\Users\Nitish\Desktop\git-app

- .gitignore
- app.py
- README.md
- screenshot1.png
- unnamed.jpg

Commit

Pull Requests

External Libraries

Scratches and Consoles

MINGW64:/c/Users/Nitish/Desktop/git-app

```
Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git commit -m "add README file to project"
[master c0800fc] add README file to project
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
c0800fc (HEAD -> master) add README file to project
6e6d222 (origin/master) merge with sidebar
6f687cc (sidebar) add conditional message
8f4b635 add greeting message to home page
84ed302 Merge branch 'sidebar'
505f226 Add dropdown and button to sidebar
93e3eb9 replace header image
0ccc6ff add login and career to menu items
5b51411 Add menu items to menu
b7ec130 add DSA to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ |
```

Structure

Bookmarks

Git TODO Problems Terminal Python Packages Python Console Services

Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (today 20:19)

1:54 CRLF UTF-8 4 spaces Python 3.11 master



A screenshot of a software interface, likely PyCharm, showing a terminal window with a git history and a video call overlay.

The terminal window displays the following git history:

```
MINGW64:/c/Users/Nitish/Desktop/git-app
$ git commit -m "add readme file to project"
[master c0800fc] add readme file to project
1 file changed, 1 insertion(+)
create mode 100644 readme.md

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git log --oneline
c0800fc (HEAD -> master) add readme file to project
6e6d222 (origin/master) merge with sidebar
6f687cc (sidebar) add conditional message
8f4b635 add greeting message to home page
84ed302 Merge branch 'sidebar'
505f226 Add dropdown and button to sidebar
93e3eb9 replace header image
0ccc6ff add login and career to menu items
5b51411 Add menu items to menu
b7ec130 add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git push origin master
```

The status bar at the bottom shows:

- Git, TODO, Problems, Terminal, Python Packages, Python Console, Services
- Project configurations files can be added to Git // View Files // Always Add // Don't Ask Again (today 20:19)
- 1:54 CRLF UTF-8 4 spaces Python 3.11 master

tentative-schedule - G | Ask your question - G | My Drive - Google Drive | Course Builder | Post Attendee - Zoom | app - Streamlit | campusx-official/sam

github.com/campusx-official/sample-git-app

Code Issues Pull requests Actions Projects Security Insights Settings

Host

master 1 branch 0 tags

campusx-official add readme file to project c0800fc 1 minute ago 13 commits

.gitignore add image to the home page 1 hour ago

app.py merge with sidebar 21 minutes ago

readme.md add readme file to project 1 minute ago

screenshot1.png add greeting message to home page 25 minutes ago

unnamed.jpg add image to the home page 1 hour ago

readme.md

This is a sample git project nothing useful here!

About

Not useful just to teach git and github
[!Not Important]

Readme

0 stars

1 watching

0 forks

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Languages

Python 100%

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← → C 🔒 github.com/campusx-official/sample-git-app

Code Issues Pull requests Action

MINGW64:/c/Users/Nitish/Desktop/git-app

Writing objects: 100% (3/3), 332 bytes | 332.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/campusx-official/sample-git-app.git
6e6d222..c0800fc master -> master

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$ git log --oneline
c0800fc (HEAD -> master, origin/master) add readme file to project
6e6d222 merge with sidebar
6f687cc (sidebar) add conditional message
8f4b635 add greeting message to home page
84ed302 Merge branch 'sidebar'
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1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
\$ |

Host

This is a sample git proj

● Python 100.0%



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← → C 🔒 github.com/campusx-official/sample-git-app/new/master

Search or jump to... Pull requests Issues Codespaces Marketplace Explore Host

⚠ The password you provided is in a list of passwords commonly used on other websites. To increase your security, you must update your password. After December 8, 2022 we will automatically reset your password. Change your password on the settings page.

Read our documentation on safer password practices.

校园行 / sample-git-app Private

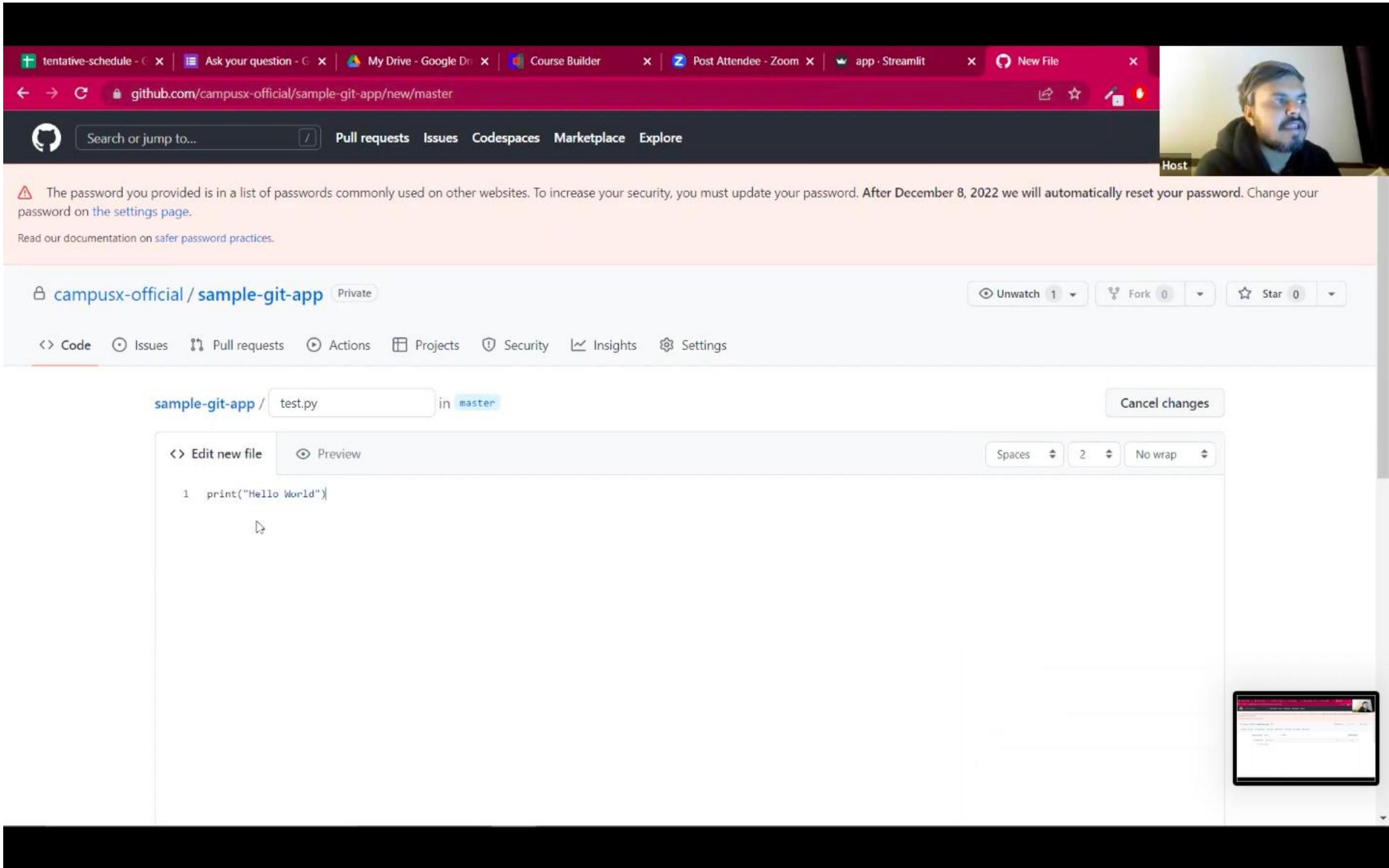
Unwatch 1 Fork 0 Star 0

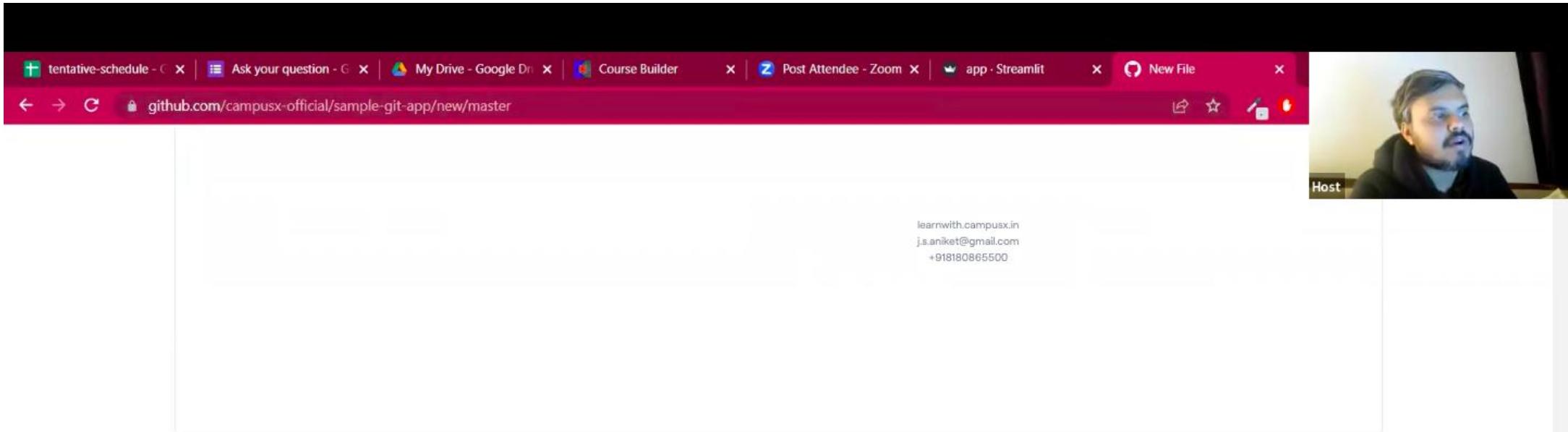
Code Issues Pull requests Actions Projects Security Insights Settings

sample-git-app / test.py in master Cancel changes

Edit new file Preview Spaces 2 No wrap

```
1 print("Hello World")
```





Commit new file

Create test.py

Add an optional extended description...

Commit directly to the `master` branch.

Create a new branch for this commit and start a pull request. Learn more about pull requests.

[Commit new file](#) [Cancel](#)



A screenshot of a software interface, likely PyCharm, displaying a Git project named "git-app". The project structure shows files like ".gitignore", "app.py", and "readme.md". The "readme.md" file contains the text "sample git project nothing useful here!". A terminal window is open, showing the command \$ git pull origin master being run. The output of the command is displayed, showing the cloning of the repository from https://github.com/campusx-official/sample-git-app. It shows a fast-forward merge where a new file "test.py" is created with one insertion. The terminal prompt ends at \$.

```
sample git project nothing useful here!
MINGW64:/c/Users/Nitish/Desktop/git-app
5b51411 Add menu items to menu
b7ec130 add dsa to course list
b98accd add courses to the home page
1790ac9 add image to the home page
3adcb60 first commit

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$ git pull origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 668 bytes | 41.00 KiB/s, done.
From https://github.com/campusx-official/sample-git-app
 * branch            master      -> FETCH_HEAD
   c0800fc..e22a54d  master      -> origin/master
Updating c0800fc..e22a54d
Fast-forward
 test.py | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 test.py

Nitish@DESKTOP-DQP5OTN MINGW64 ~/Desktop/git-app (master)
$
```