

What is Git | Videos | EDUKAP151 x

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...

K Git Introduction

Git introduction

- Git is a powerful tool with capabilities of versioning your source code during entire life cycle of your project development.
- Git provides a non linear approach which means relation between two elements are non sequential or in simple words relation is hierarchical.
- Git is distributed system and this makes it more powerful in working with and on different component and then communicating within each other to achieve common goal.
- Distributed system's significance is its ability for concurrency and independent failure of system component.
- Each system in distributed system can act as a server and can be act as a code collaboration server before even moving changes to remote server or remote repositories

KPIT 21/08/20

Anand D Joshi

Watch later Share

0:04 / 1:15

Speed 2.0x HD

Search

1:35 PM

Browser tabs: Create new repository and ...

Address bar: <https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...>

Browser extensions: Gmail, YouTube, myWorld, Dashboard | KPIT Te..., Infosecurity ELearn..., Email - Akash Beher..., Object (Java Platfor..., Association, Compo..., is-a has-a use-a rel...

K Create new repository and clone repository on local system

```
kpit@kali:~$ git clone https://gitlab.kpit.com/iss/git-demo-project.git
Cloning into 'git-demo-project'...
Username for 'https://gitlab.kpit.com': anandj
Password for 'https://anandj@gitlab.kpit.com':
warning: You appear to have cloned an empty repository.
kpit@kali:~$ cd git-demo-project
kpit@kali:~/git-demo-project$
```

Anand D Joshi

YouTube

2:03 / 2:38

Speed 2.0x

HD

1:37 PM

[illegible]

[illegible]

Git commit, pull, push

```
git@kali:~/knpit$ git add .
git@kali:~/knpit$ git commit -m "Add application controller"
git@kali:~/knpit$ git push origin master
Enumerating objects: 4, done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 1.19 KiB | 2.19 MiB/s, done.
Total 2 (delta 2), reused 0 (delta 0)
To https://github.com:anandjoshi/knpit
   74434b..74434b master -> master
git@kali:~/knpit$ git pull origin master
Already up-to-date.
git@kali:~/knpit$ git add .
git@kali:~/knpit$ git commit -m "Add application controller"
git@kali:~/knpit$ git push origin master
Enumerating objects: 4, done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 1.19 KiB | 2.19 MiB/s, done.
Total 2 (delta 2), reused 0 (delta 0)
To https://github.com:anandjoshi/knpit
   74434b..74434b master -> master
git@kali:~/knpit$ git pull origin master
Already up-to-date.
```

Anand D Joshi

7:22 / 8:04

Speed 2.0x

1:48 PM

[illegible]

Git reset | Videos | EDUKAP1518 | x | Create new repository and clone | +

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/16ac9fea0ff4422e8b9790ebadfb...

Gmail YouTube myWorld Dashboard | KPIT Te... Infosecurity ELearn... Email - Akash Beher... Object (Java Platfor... Association, Compo... is-a has-a use-a rel...

KPIT Academy

Git Reset

kpit@kpit-11910: ~\$ git log

```
commit 38900a87805f05206a13a7927a510b9e0b (HEAD -> master, origin/master)
Author: anandj1 <anand.joshi2@gmail.com>
Date: Wed May 17 23:44:58 2023 +0530

    Remove application controller

commit 117f47997abde5df43fe302077c2f97d49e4c9
Author: anandj1 <anand.joshi2@gmail.com>
Date: Wed May 17 23:10:00 2023 +0530

    Remove additional controller

commit 62773a39070477923c0b0cc5d4c95d6a279e
Author: anandj1 <anand.joshi2@gmail.com>
Date: Wed May 17 23:27:40 2023 +0530

    Add application controller

commit 7641584d78bd174704727c3048ac11570c1a7
Author: Anand D Joshi <anand.joshi2@gmail.com>
Date: Wed May 17 17:55:54 2023 +0530

    Additional Controller

commit 7342496ac1f939402070a770b0c4d144de261
Author: anandj1 <anand.joshi2@gmail.com>
Date: Wed May 17 23:22:59 2023 +0530

    Add controller files

kpit@kpit-11910:~/gitlab/git-demo-project$ git reset --hard 117f47997abde5df43fe302077c2f97d49e4c9
HEAD is now at 117f4799 Remove additional controller
kpit@kpit-11910:~/gitlab/git-demo-project$ git push origin master --force
Username for 'https://gitlab.kpit.com': anandj1
Password for 'https://anandj1@gitlab.kpit.com':
Total 0 (delta 0), reused 0 (delta 0)
To https://gitlab.kpit.com:anandj1/git-demo-project.git
+ 20ee000...117f479 master -> master (forced update)
kpit@kpit-11910:~/gitlab/git-demo-project$
```

Anand D Joshi

YouTube

3:07 / 3:36

Speed 2.0x

1:49 PM

Git Branching and Merge | x Create new repository and clone x +

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...

Gmail YouTube myWorld Dashboard | KPIT Te... Infosecurity ELearn... Email - Akash Beher... Object (Java Platform... Association, Compo... is-a has-a use-a rel...

Git Branching

Master: This branch contains production code. All development code will be merged into master periodically

development/pre-production: This branch contains pre-production code. When the features are finished then they are merged into development or pre-production branch.

Based on requirements of the project during its life-cycle many branches like below can be created

feature: Feature branches can be created as per the features planned for release. These branches will get merged in to development branch.

hotfix/bug-fix/issue: Some of the important hotfixes or sometimes bug fixes needs to push in to hot fix branches and then hotfix branches will get merged in to master and in development or pre-production branch

release — Release branches are used to keep version of production releases and bug fixes etc related to release. These branches will get merged in to master and development branches. First it will go to development branch and then from development it will go to master for final deployment

KPIT 21/08/20

Anand D Joshi

0:07 / 4:38 Speed 2.0x HD

Search

1:50 PM

Git Branching and Merge | Video x Create new repository and clone x +

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...

Gmail YouTube myWorld Dashboard | KPIT Te... Infosecurity ELearn... Email - Akash Beher... Object (Java Platfor... Association, Compo... is-a has-a use-a rel...

K Git Branching and Merge

Watch later Share

```
kpit@kpit:~/kpit-demo-project$ git branch
* master
kpit@kpit:~/kpit-demo-project$ git checkout -b pre-production
Switched to a new branch 'pre-production'
kpit@kpit:~/kpit-demo-project$ git branch
* master
  pre-production
kpit@kpit:~/kpit-demo-project$ git status
On branch pre-production
Untracked files:
  (use "git add <file>..." to include in what will be committed)

nothing added to commit but untracked files present (use "git add" to track)
kpit@kpit:~/kpit-demo-project$ git add attachment_controller.rb
kpit@kpit:~/kpit-demo-project$ git commit -m "add attachment controller"
[pre-production 0b9112] add attachment controller
1 file changed, 206 insertions(+)
create mode 100755 attachment_controller.rb
kpit@kpit:~/kpit-demo-project$ git push origin pre-production
Username for 'https://gitlab.kpit.com': anandj
Password for 'https://anandj@gitlab.kpit.com':
Enumerating objects: 4, done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 2.47 MiB | 2.47 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: To create a merge request for pre-production, visit:
remote: https://gitlab.kpit.com/1518/git-demo-project/-/merge_requests/new?merge_request[source_branch]=pre-production
To https://gitlab.kpit.com/1518/git-demo-project.git
  pre-production -> pre-production
kpit@kpit:~/kpit-demo-project$
```

Anand D Joshi

3:14 / 4:38

Speed 2.0x HD

Search

1:51 PM

The screenshot displays a web browser window with the KPIT Academy website. The top navigation bar includes the KPIT Academy logo, a search bar, and a user profile icon. The main content area is titled "Git Branching and Merge" and features a video player. The video player shows a terminal window with the following commands and output:

```

git@192: ~$ git checkout -b pre-production
Switched to a new branch 'pre-production'
git@192: ~$ git commit -m "add attachment controller"
[master 1234567] add attachment controller
1 file changed, 200 insertions(+)
create mode 100644 attachment_controller.rb
git@192: ~$ git push origin pre-production
Enumerating objects: 3, done.
Writing objects: 100% (3/3), done.
Compressing objects: 100% (3/3), done.
Total 3 (delta 3), reused 0 (delta 0)
remote: https://gitlab.kpit.com:443/gitlab-demo-project.git
remote: * create a merge request for pre-production, visit:
https://gitlab.kpit.com/kyaz/gitlab-demo-project/-/merge_requests/new?merge_requests%5Bsource_branch%5D=pre-production
remote:
To https://gitlab.kpit.com/kyaz/gitlab-demo-project.git

```

The video player also includes a "Watch later" button and a "Share" button. The sidebar on the left contains a table of contents with the following items:

- repository on local system
- Git commit, pull, push
- Git reset
- Git Branching and Merge
- Git amend, simple re-word and add untracked changes
- Git amend with squash and reword
- Cherry Pick
- Git Stash

The top navigation bar also includes a "Course Completion" progress bar and buttons for "Previous" and "Next".

A screenshot of a web browser displaying a YouTube video titled "Git Branching and Merge". The video player interface includes a progress bar at the bottom showing 3:16 / 4:37, a speed control set to 2.0x, and other playback controls. The video content shows a terminal window with the following commands and output:

```
kpit@GL-1191D: ~/anand/gitlab/git-demo-project$ git branch  
* master  
kpit@GL-1191D:~/anand/gitlab/git-demo-project$ git checkout -b pre-production  
Switched to a new branch 'pre-production'  
kpit@GL-1191D:~/anand/gitlab/git-demo-project$ git branch  
master  
pre-production  
kpit@GL-1191D:~/anand/gitlab/git-demo-project$ git status  
On branch pre-production  
Untracked files:  
(use "git add <file>..." to include in what will be committed)  
#??.#####.#####  
  
nothing added to commit but untracked files present (use "git add" to track)  
kpit@GL-1191D:~/anand/gitlab/git-demo-project$ git add attachments_controller.rb  
kpit@GL-1191D:~/anand/gitlab/git-demo-project$ git commit -m "Add attachment controller"  
[pre-production 0ba9112] Add attachment controller  
1 file changed, 286 insertions(+)  
create mode 100755 attachments_controller.rb  
kpit@GL-1191D:~/anand/gitlab/git-demo-project$ git push origin pre-production  
Username for 'https://gitlab.kpit.com': anandj6  
Password for 'https://anandj6@gitlab.kpit.com':  
Enumerating objects: 4, done.  
Counting objects: 100% (4/4), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 2.47 KiB | 2.47 MiB/s, done.  
Total 3 Delta 33, reused 0 Delta 0.  
remote: To create a merge request for pre-production, visit:  
remote: https://gitlab.kpit.com/projects/git-demo-project/-merge_requests/new?merge_request[source_branch]=pre-production  
remote:  
! [new branch] pre-production -> pre-production  
To https://gitlab.kpit.com:gitdemo-pre-production  
 * [new branch] pre-production -> pre-production
```

The video player also features a profile picture of Anand D Joshi and a "Watch later" button.

[illegible]

Git amend, simple re-word

Create new repository and clone

aws-kpit-java2/demo-2/src/main

arb219866 - S3 bucket | S3 | Gl...

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...

Gmail YouTube myWorld Dashboard | KPIT Te... Infosecurity ELearn... Email - Akash Beher... Object (Java Platfor... Association, Compo... is-a has-a use-a rel...

KPIT

Git amend, simple re-word and add untracked changes

Watch later Share

```
kpit@kali:~$ git add src/controller.rb
kpit@kali:~$ git commit -am
```

Anand D Joshi

YouTube

1:04 / 2:51

Speed 1.25x HD

Search

2:15 PM

A screenshot of a video player interface. The main content area shows a terminal window titled 'kpit@19110 - jhaand/gtishgh-demo-project'. The terminal output includes the command 'git commit -m "Add Issue category controller"', a prompt to enter a commit message, and the successful execution of the command. The terminal also shows the creation of a new file 'src/controller/issue_controller.py'. The sidebar on the right features a circular profile picture of a man with a beard and a blue name tag that reads 'Anand D Joshi'. The video player controls at the bottom show a progress bar at 1:07 / 2:51, a speed of 1.25x, and other standard playback controls. The Windows taskbar is visible at the very bottom of the image.

[illegible]

Git amend, simple re-word and add untracked changes

```
kpit@kp11911:~/aws-kpit-java2/demo-2/src/main$ git add src/controller.rb
kpit@kp11911:~/aws-kpit-java2/demo-2/src/main$ git commit -amend
[pre-production 5f23429] add issue category controller and src controller
Date: Thu May 18 08:10:02 2023 +0530
2 files changed, 203 insertions(+)
create mode 100755 issue_category_controller.rb
create mode 100755 src/controller.rb
kpit@kp11911:~/aws-kpit-java2/demo-2/src/main$ git push origin pre-production
Username for 'https://gitlab.kpit.com': anandj
Password for 'https://gitlab.kpit.com': 
To https://gitlab.kpit.com:aws-kpit-demo-project.git
pre-production -> pre-production (non-fast-forward)
error: failed to push some refs to 'https://gitlab.kpit.com:aws-kpit-demo-project.git'
hint: updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
kpit@kp11911:~/aws-kpit-java2/demo-2/src/main$ git push origin pre-production --force
Username for 'https://gitlab.kpit.com': anandj
Password for 'https://gitlab.kpit.com': 
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 2.73 KiB | 2.73 MiB/s, done.
Total 4 (delta 1), reused 0 (delta 0)
remote:
remote: To create a merge request for pre-production, visit:
remote: https://gitlab.kpit.com/ays/git-demo-project/-/merge_requests/new?merge_requests[source_branch]=pre-production
remote:
To https://gitlab.kpit.com:aws-kpit-demo-project.git
! [detached HEAD 5f23429] pre-production -> pre-production (forced update)
kpit@kp11911:~/aws-kpit-java2/demo-2/src/main$
```

Anand D Joshi

1:44 / 2:51

Speed 1.25x

2:16 PM

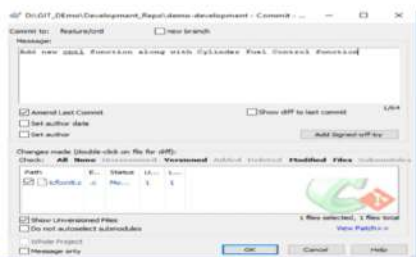
The image displays a video player interface. At the top, there's a browser address bar showing the URL "https://edunonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...". Below the address bar, several browser tabs are visible, including "Git amend, simple re-word", "Create new repository and clone...", "aws-kpit-java2/demo-2/src/main...", "arb219866 - S3 bucket | S3 | Glo...", and others. The main content area shows a terminal window titled "kpit-gls-171910 - jkhand@github/kpit-demo-project". The terminal output includes the following commands and their results:

```
kpit-gls-171910 ~$ git add sys_controller.rb
kpit-gls-171910 ~$ git commit -m amend
[pre-production 5f23d29] add issue category controller and sys controller
Date: Thu May 18 08:15:01 2023 +0530
2 files changed, 203 insertions(+), 0 deletions(-)
create mode 100755 issue_categories_controller.rb
create mode 100755 sys_controller.rb
kpit-gls-171910 ~$ git push origin pre-production
Username for 'https://github.kpit.com': anandj6
Password for 'https://anandj6@github.kpit.com': 
To https://github.kpit.com/repos/git-demo-project.git
   pre-production -> pre-production (non-fast-forward)
 [ 1/1 pushed ]
Warning: remote pre-production has diverged from local pre-production
Note: updates were rejected because the tip of your current branch is behind
Note: the remote pre-production: integrate the remote changes (e.g.:
      'git pull ...') before pushing again.
Note: see the 'Note about fast-forwards' in 'git push --help' for details.
kpit-gls-171910 ~$ git push origin pre-production --force
Username for 'https://github.kpit.com': anandj6
Password for 'https://anandj6@github.kpit.com': 
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 2.73 kB | 2.73 MB/s, done.
Total < Delta 1 /, reused 0 (delta 0)
remote: To create a merge request for pre-production, visit:
remote: https://github.kpit.com/repos/git-demo-project/-merge_requests/new?merge_request[source_branch]=pre-production
remote: 
To https://github.kpit.com/repos/git-demo-project.git
 * 41ab4f9...5f23d29 pre-production -> pre-production (forced update)
kpit-gls-171910 ~$
```

A circular profile picture of Anand D Joshi is shown next to his name at the bottom right of the terminal window. The video player controls at the bottom show a progress bar at 2:50 / 2:51, a speed setting of 1.25x, and other standard playback icons.

Git amend

- Allows to modify the most recent commit. It lets you combine staged changes with the previous commit instead of creating an entirely new commit.
- It can also be used to simply edit the previous commit message without changing its snapshot.



KPIT

21/08/20

Anand D Joshi



Anand D Joshi

0:16 / 5:24

Speed 2.0x



HD



Git amend with squash and reword

Watch later Share

Anand D Joshi

YouTube

1:15 / 5:24

Speed 2.0x

HD

2:18 PM

Search

Git amend with squash and reword

Watch later Share

Anand D Joshi

YouTube

1:15 / 5:24

Speed 2.0x

HD

2:18 PM

Search

[illegible]



Git amend with squash and rebase | aws-kpit-java2/demo-2/src/main | arb219866 - S3 bucket | S3 | Glue | +

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...

Gmail | YouTube | myWorld | Dashboard | KPIT Te... | Infosecurity ELearn... | Email - Akash Beher... | Object (Java Platfor... | Association, Compo... | is-a has-a use-a rel...

KPIT Academy

repositories

- Git commit
- Git rebase
- Git Branch
- Git amend
- add and
- Git amend
- reword
- Cherry

```
kpit@kali:~/aws-kpit-java2/demo-2$ git rebase -i HEAD~4
( detached HEAD 7200c4) Add import controller to application
Date: Thu May 18 00:11:19 2023 +0530
1 file changed, 129 insertions(+)
create mode 100755 ImportsController.rb
Successfully rebased and updated refs/heads/pre-production.
kpit@kali:~/aws-kpit-java2/demo-2$ git push origin pre-production --force
Username for 'https://gitlab.kpit.com': anandj
Password for 'https://anandj@gitlab.kpit.com':
Enumerating objects: 6, done.
Counting objects: 500 (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 500 (1/7), done.
Writing objects: 500 (1/7), 4.27 KiB | 1.39 MiB/s, done.
Total 7 (delta 2), reused 0 (delta 0)
Remote:
remote: To create a merge request for pre-production, visit:
remote: https://gitlab.kpit.com/ays/git-demo-project/-/merge_requests/new?merge_request[source_branch]=pre-production
Remote:
To https://gitlab.kpit.com/ays/git-demo-project.git
+ 5f21429...5f21429 pre-production -> pre-production (forced update)
https://gitlab.kpit.com/ays/git-demo-project/-/commit/5f21429
```

Anand D Joshi

2:45 / 5:24

Speed 2.0x | HD | 2:18 PM

The screenshot shows a video player interface. The main content is a terminal window titled 'kpit-gl-11910 - jkanand/gitlest/gt-demo-project'. The terminal output shows the following commands and results:

```

kpit-gl-11910:~$ git rebase -i HEAD~4
Detached HEAD (8bca24) Add attachment controller
Set: Thu May 18 00:02:53 2023 +0530
3 files changed, 475 insertions(+), 0 deletions(-)
create mode 100755 attachment_controller.rb
create mode 100755 groups_controller.rb
create mode 100755 imports_controller.rb
Successfully rebased and updated refs/heads/pre-production.
kpit-gl-11910:~$ git push origin pre-production --force

```

The video player interface includes a progress bar at the bottom showing 4:23 / 5:24, a speed control set to 2.0x, and a volume icon. The video title 'Anand D Joshi' is visible in the bottom left corner of the player area.

Git amend with squash and reword

```
kpit@kpit-1910:~/kpitdemo$ git rebase -i HEAD~4
( detached HEAD c8b2a24) Add attachment controller
Date: Thu May 18 00:02:51 2023 +0530
3 files changed, 475 insertions(+)
create mode 100755 attachments_controller.rb
create mode 100755 groups_controller.rb
create mode 100755 imports_controller.rb
Successfully rebased and updated refs/heads/pre-production.
kpit@kpit-1910:~/kpitdemo$ git push origin pre-production --force
Username for 'https://gitlab.kpit.com': anandj6
Password for 'https://anandj6@gitlab.kpit.com':
Enumerating objects: 56, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (9/9), 7.41 KiB | 2.47 MiB/s, done.
Total: 9 (delta 2), reused 0 (delta 0)
remote:
remote: To create a merge request for pre-production, visit:
remote: https://gitlab.kpit.com/kyas/git-demo-project/-/merge_requests/new?merge_requests[source_branch]=pre-production
remote:
To https://gitlab.kpit.com/kyas/git-demo-project.git
 * efc5093...f203007 pre-production -> pre-production (forced update)
kpit@kpit-1910:~/kpitdemo$
```

Anand D Joshi

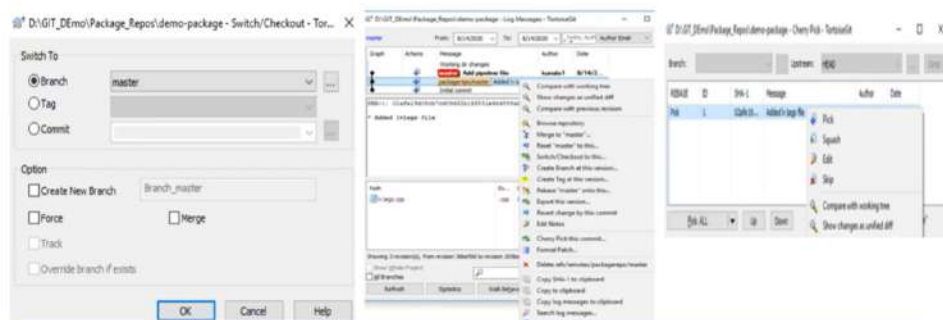
4:38 / 5:24

Speed 2.0x

2:20 PM

Git cherry pick

- Enables arbitrary git commits to be picked by reference and appended to the current working HEAD.
- It allows for picking a commit from a branch and applying it to another



Anand D Joshi

0:06 / 2:45

Speed 2.0x

HD

2:20 PM

The screenshot shows a video player interface. The video content displays the GitHub repository page for 'kpit' (kpit-dev/kpit). The page shows the 'pre-production' branch selected, with a commit history table listing recent commits and their authors. The video player includes standard controls like play/pause, progress bar, and volume. The video title is 'Anand D Joshi'.

Cherry Pick | Videos | EDUKAP1518 x Git Stash | Videos | EDUKAP1518 x aws-kpit-java2/demo-2/src/main x arb219866 - S3 bucket | S3 | Gl... x + -

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb... A ☆

Gmail YouTube myWorld Dashboard | KPIT Te... Infosecurity ELearn... Email - Akash Beher... Object (Java Platfor... Association, Compo... is-a has-a use-a rel...

K Git Stash

Watch later Share

```
kpit@GL-11910: ~$ git branch
* master
  pre-production
kpit@GL-11910: ~$ git status
On branch development
nothing added to commit but untracked files present (use "git add" to track)
kpit@GL-11910: ~$ git stash
No local changes to save
kpit@GL-11910: ~$ git status
On branch development
nothing added to commit but untracked files present (use "git add" to track)
kpit@GL-11910: ~$ git checkout pre-production
Switched to branch 'pre-production'
kpit@GL-11910: ~$ git pull origin pre-production
Username for 'https://github.com': anandj
Password for 'https://anandj@github.com:':
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 3), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 3.36 KiB | 3.26 MiB/s, done.
From https://github.com:anandj/pre-production
+ branch pre-production -> FETCH_HEAD
Updating 723907..e31fcb1
Fast forward
 timeline_controller.rb | 201 +++++
 1 file changed, 201 insertions(+)
create mode 100755 timeline_controller.rb
kpit@GL-11910: ~$ git checkout development
Switched to branch 'development'
```

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3:30 / 4:50 Speed 2.0x HD

2:22 PM

[illegible]



Git commit, pull, push | Vid... | aws-kpit-java2/demo-2/src/main | arb219866 - S3 bucket | S3 | Glob... | +

https://eduonline.kpit.com/courses/course-v1:KPIT+EDUKAP1518+2023/courseware/15ac9fea0ff4422e8b9790ebadfb...

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```
kpit@GL-11910:~/Anand/gtlib/gt-demo-project$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  additional_controller.rb
  activites_controller.rb

nothing added to commit but untracked files present (use "git add" to track)
kpit@GL-11910:~/Anand/gtlib/gt-demo-project$ git add .
kpit@GL-11910:~/Anand/gtlib/gt-demo-project$ git commit -m "Initial commit"
[master (root-commit) 1a1a1a1] 2 files changed, 1 insertion(+), 1 deletion(-)
 create mode 100644 additional_controller.rb
 create mode 100644 activites_controller.rb
kpit@GL-11910:~/Anand/gtlib/gt-demo-project$ git pull origin master
Username for 'https://github.com': anandj6
Password for 'https://anandj6@github.com':
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 328 bytes | 3.2a MB/s, done.
From https://github.com:anandj6/gt-demo-project
* branch      master       -> origin/master
   updating 1a1a1a1..7041304 master -> origin/master
   Fast-forward
   additional_controller.rb | 1 +
   1 file changed, 1 insertion(+)
   create mode 100644 additional_controller.rb
kpit@GL-11910:~/Anand/gtlib/gt-demo-project$ ls
additional_controller.rb  activites_controller.rb
kpit@GL-11910:~/Anand/gtlib/gt-demo-project$
```

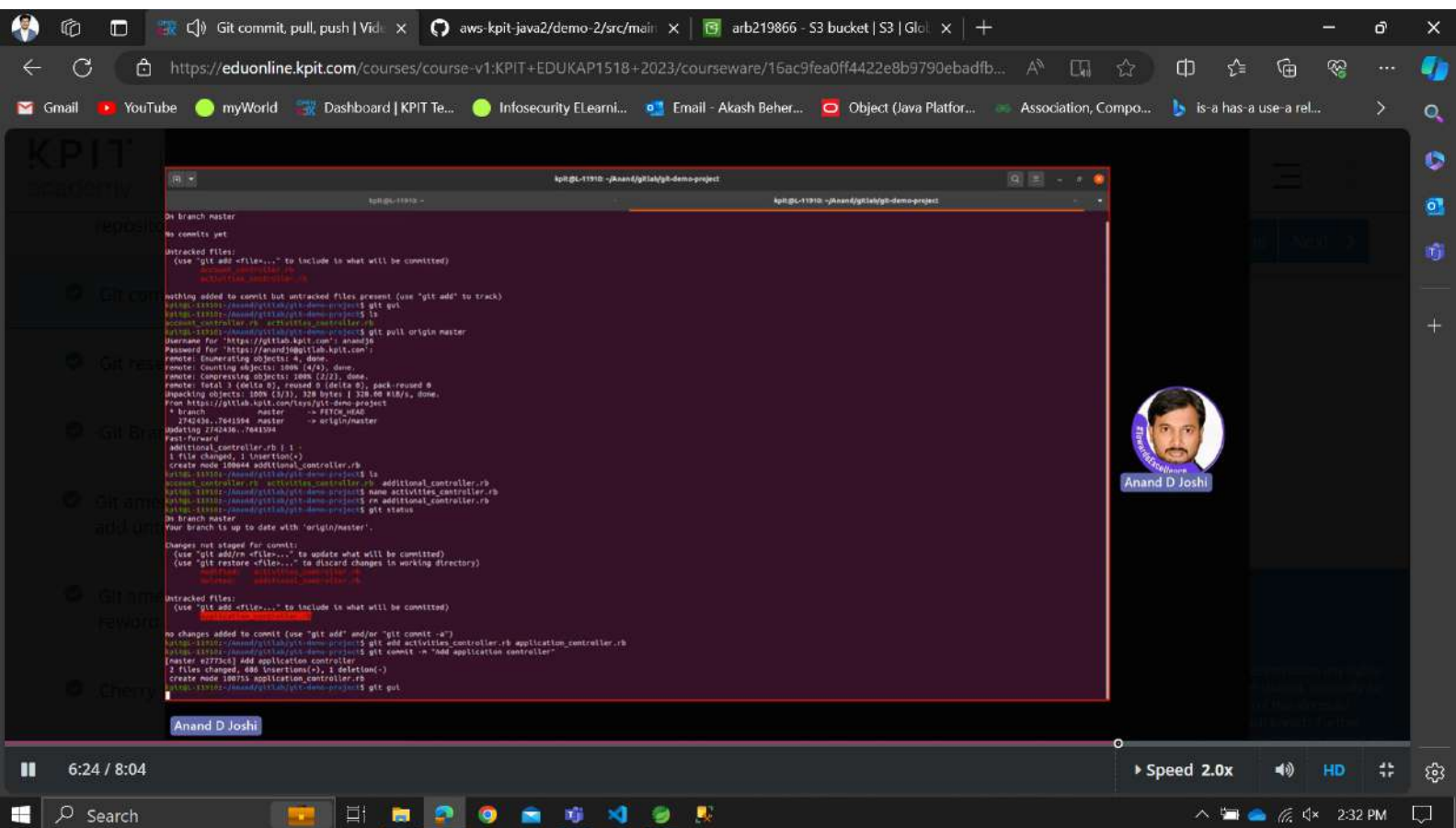
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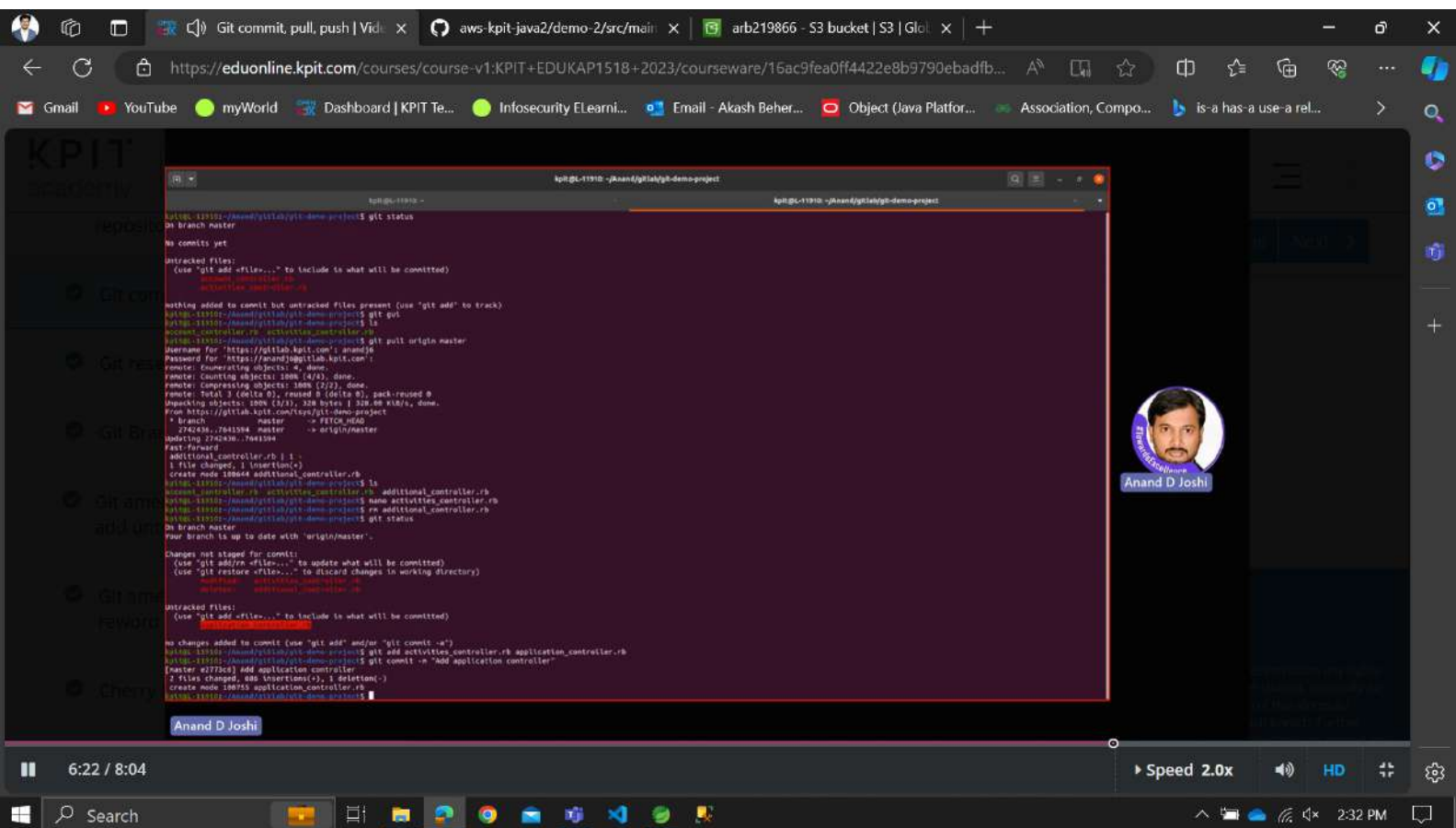
5:08 / 8:04

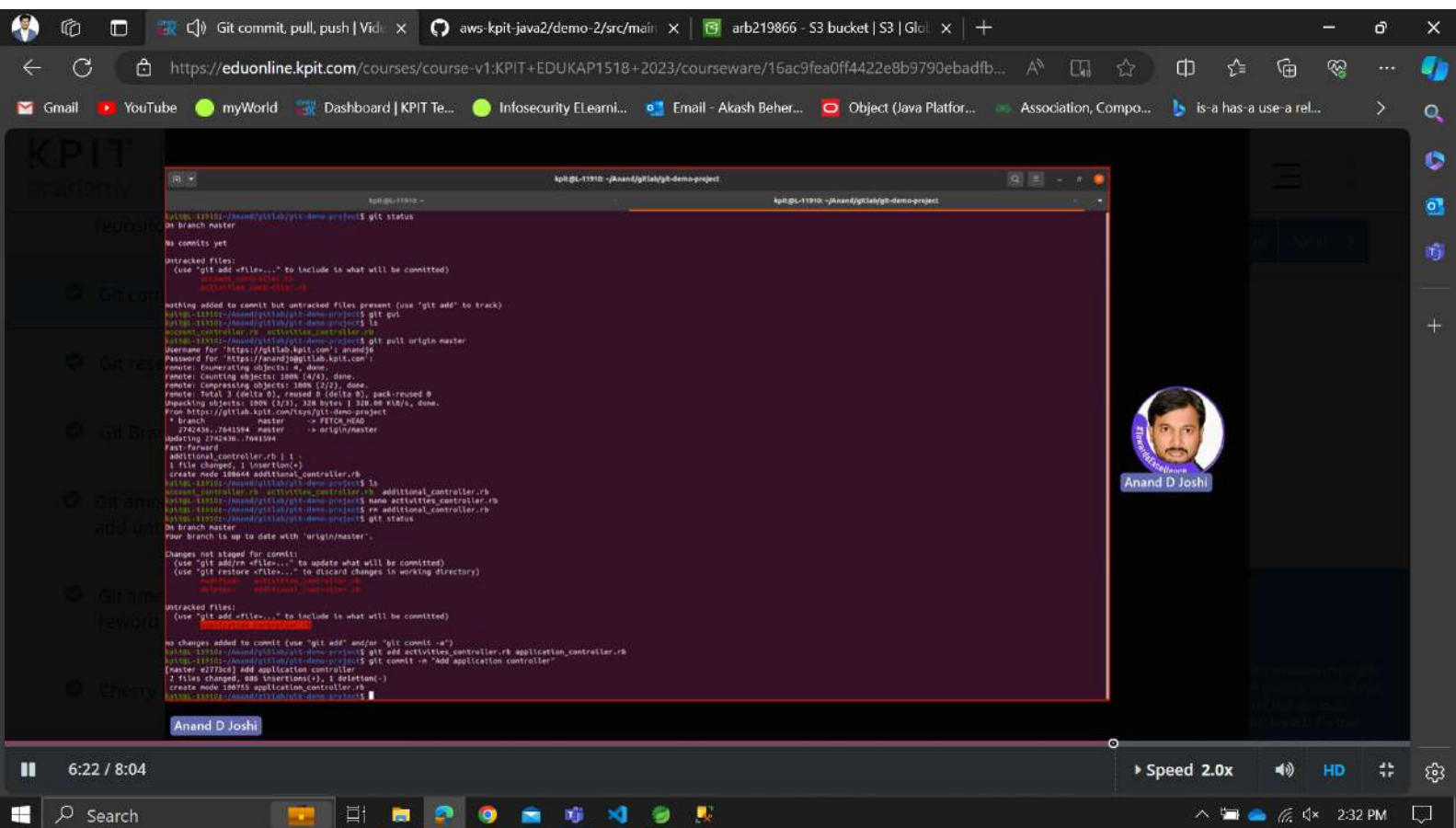
Speed 2.0x

HD

2:31 PM







[illegible]

[illegible]

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