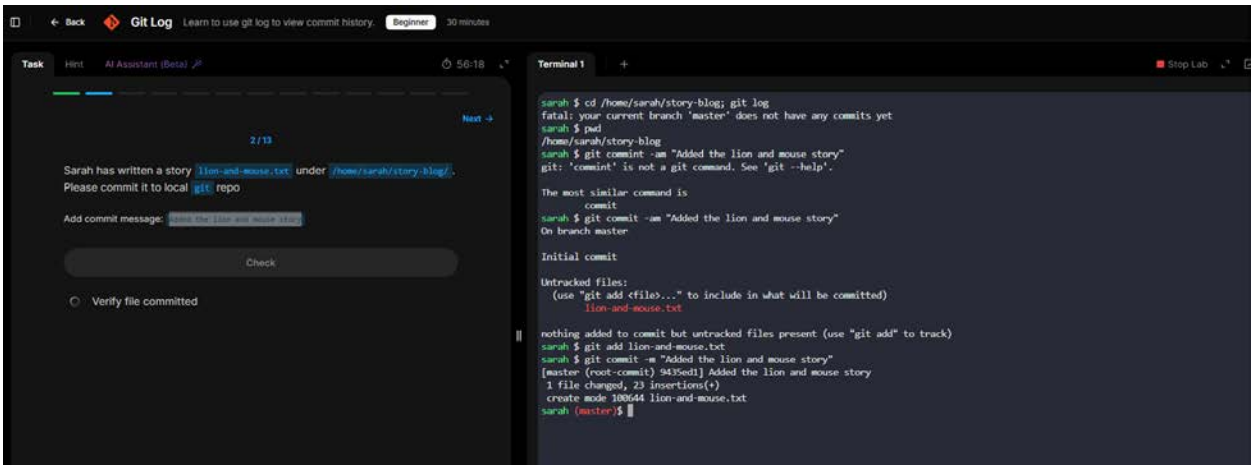
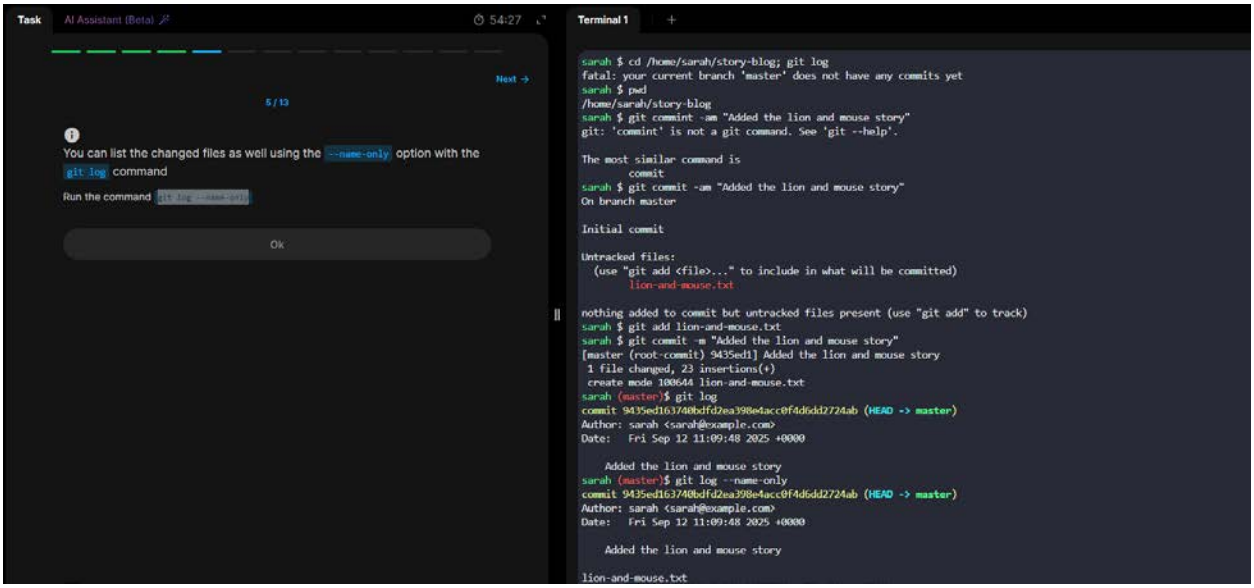
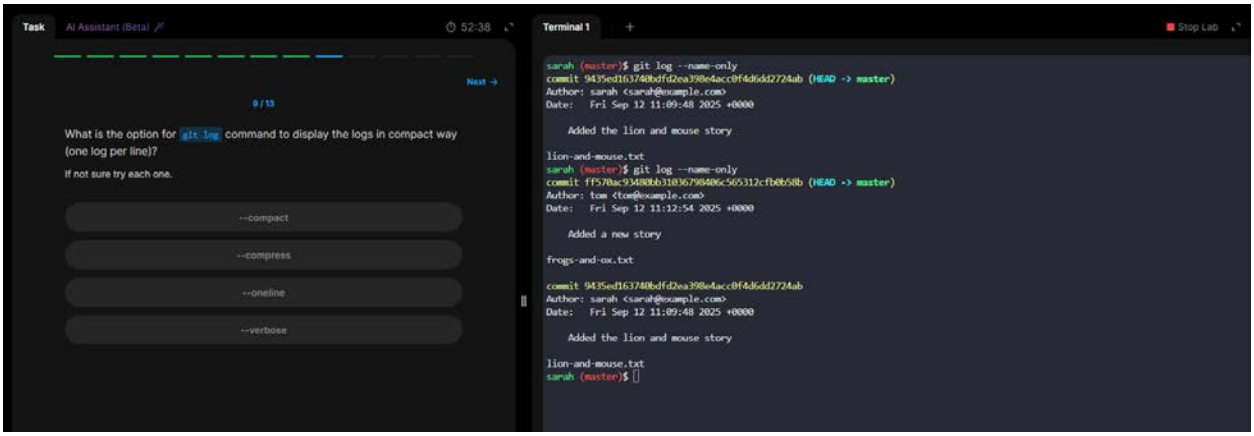
1.


Back
Git Log
Learn to use git log to view commit history.
Beginner
30 minutes
Task
Hint
AI Assistant (Beta)
56:18
Next →
2 / 13
Sarah has written a story lion-and-mouse.txt under /home/sarah/story-blog/.
Please commit it to local git repo
Add commit message: Added the lion and mouse story
Check
Verify file committed
Terminal 1
Stop Lab
sarah $ cd /home/sarah/story-blog; git log
fatal: your current branch 'master' does not have any commits yet
sarah $ pwd
/home/sarah/story-blog
sarah $ git commint -am "Added the lion and mouse story"
git: 'commint' is not a git command. See 'git --help'.
The most similar command is
commit
sarah $ git commit -am "Added the lion and mouse story"
On branch master
Initial commit
Untracked files:
(use "git add <file>..." to include in what will be committed)
lion-and-mouse.txt
nothing added to commit but untracked files present (use "git add" to track)
sarah $ git add lion-and-mouse.txt
sarah $ git commit -m "Added the lion and mouse story"
[master (root-commit) 9435ed1] Added the lion and mouse story
1 file changed, 23 insertions(+)
create mode 100644 lion-and-mouse.txt
sarah (master)$

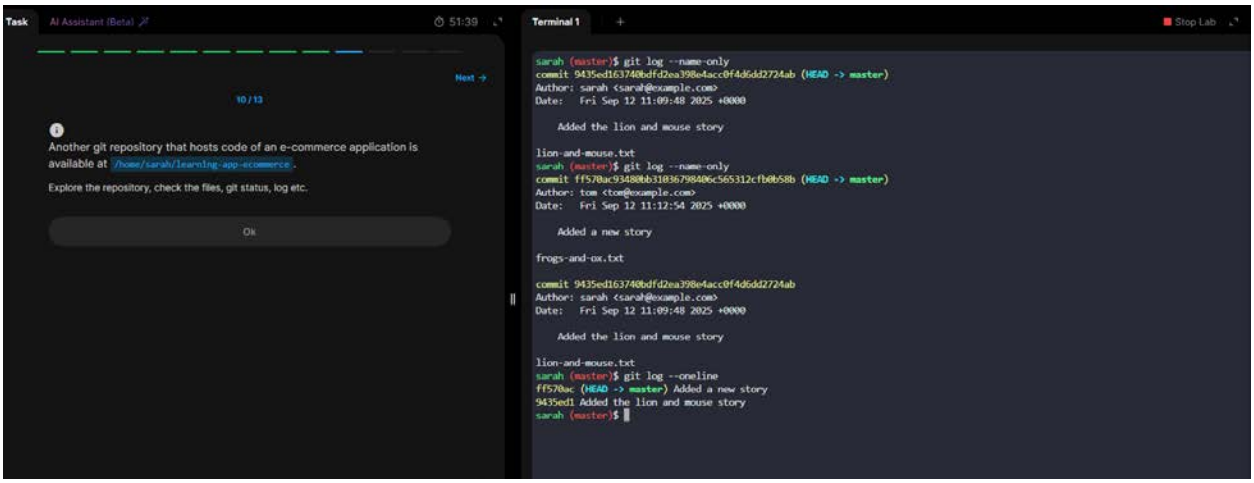
2.


Task
AI Assistant (Beta)
54:27
Next →
5 / 13
You can list the changed files as well using the --name-only option with the git log command
Run the command git log --name-only
Ok
Terminal 1
sarah $ cd /home/sarah/story-blog; git log
fatal: your current branch 'master' does not have any commits yet
sarah $ pwd
/home/sarah/story-blog
sarah $ git commint -am "Added the lion and mouse story"
git: 'commint' is not a git command. See 'git --help'.
The most similar command is
commit
sarah $ git commit -am "Added the lion and mouse story"
On branch master
Initial commit
Untracked files:
(use "git add <file>..." to include in what will be committed)
lion-and-mouse.txt
nothing added to commit but untracked files present (use "git add" to track)
sarah $ git add lion-and-mouse.txt
sarah $ git commit -m "Added the lion and mouse story"
[master (root-commit) 9435ed1] Added the lion and mouse story
1 file changed, 23 insertions(+)
create mode 100644 lion-and-mouse.txt
sarah (master)$ git log
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab (HEAD -> master)
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
sarah (master)$ git log --name-only
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab (HEAD -> master)
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
lion-and-mouse.txt

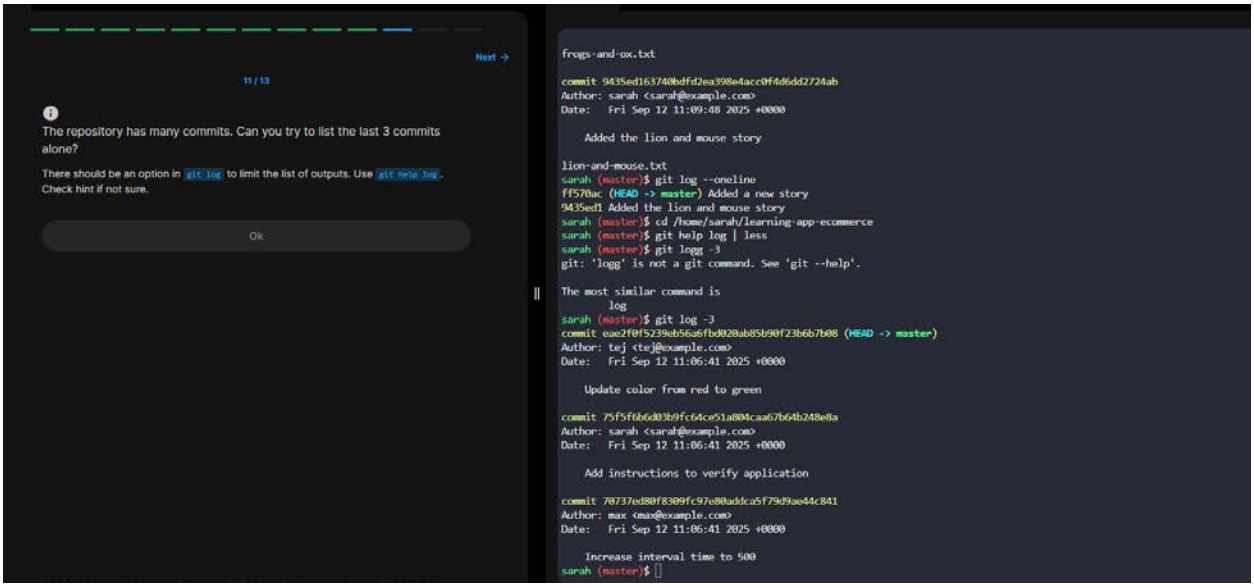
3.


Task
AI Assistant (Beta)
52:38
Next →
9 / 13
What is the option for git log command to display the logs in compact way (one log per line)?
If not sure try each one.
--compact
--compress
--oneline
--verbose
Terminal 1
Stop Lab
sarah (master)$ git log --name-only
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab (HEAD -> master)
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
lion-and-mouse.txt
sarah (master)$ git log --name-only
commit ff570ac93480bb31036798406c565312cfb0b58b (HEAD -> master)
Author: tom <tom@example.com>
Date: Fri Sep 12 11:12:54 2025 +0000
Added a new story
frogs-and-ox.txt
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
lion-and-mouse.txt
sarah (master)$

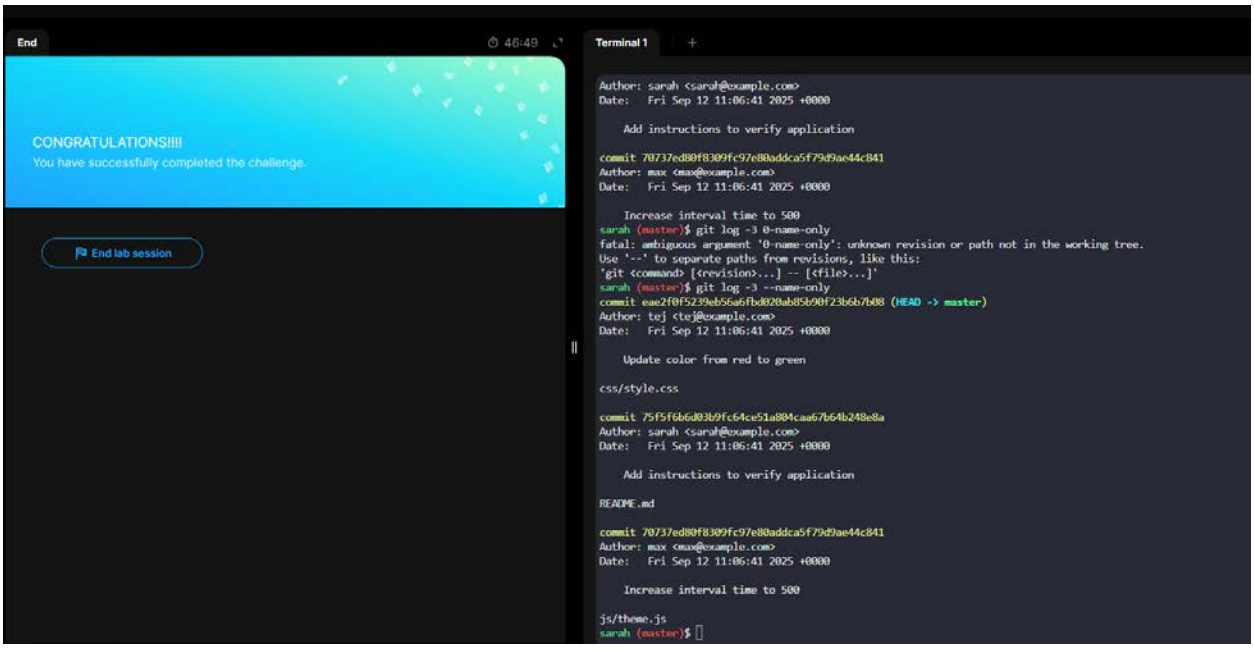
4.


Task
AI Assistant (Beta)
51:39
Next →
10 / 13
Another git repository that hosts code of an e-commerce application is available at /home/sarah/learning-app-ecommerce.
Explore the repository, check the files, git status, log etc.
Ok
Terminal 1
Stop Lab
sarah (master)$ git log --name-only
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab (HEAD -> master)
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
lion-and-mouse.txt
sarah (master)$ git log --name-only
commit ff570ac93480bb31036798406c565312cfb0b58b (HEAD -> master)
Author: tom <tom@example.com>
Date: Fri Sep 12 11:12:54 2025 +0000
Added a new story
frogs-and-ox.txt
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
lion-and-mouse.txt
sarah (master)$ git log --oneline
ff570ac (HEAD -> master) Added a new story
9435ed1 Added the lion and mouse story
sarah (master)$

5.


Next →
11 / 13
The repository has many commits. Can you try to list the last 3 commits alone?
There should be an option in git log to limit the list of outputs. Use git help log. Check hint if not sure.
Ok
frogs-and-ox.txt
commit 9435ed163740bdfd2ea398e4acc0f4d6dd2724ab
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:09:48 2025 +0000
Added the lion and mouse story
lion-and-mouse.txt
sarah (master)$ git log --oneline
ff570ac (HEAD -> master) Added a new story
9435ed1 Added the lion and mouse story
sarah (master)$ cd /home/sarah/learning-app-ecommerce
sarah (master)$ git help log | less
sarah (master)$ git logg -3
git: 'logg' is not a git command. See 'git --help'.
The most similar command is
log
sarah (master)$ git log -3
commit eae2f0f5239eb56a6fbd020ab85b90f23b6b7b08 (HEAD -> master)
Author: tej <tej@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Update color from red to green
commit 75f5f6b6d03b9fc64ce51a804caa67b64b248e8a
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Add instructions to verify application
commit 70737ed80f8309fc97e80addca5f79d9ae44c841
Author: max <max@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Increase interval time to 500
sarah (master)$

6.


End
46:49
CONGRATULATIONS!!!!
You have successfully completed the challenge.
End lab session
Terminal 1
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Add instructions to verify application
commit 70737ed80f8309fc97e80addca5f79d9ae44c841
Author: max <max@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Increase interval time to 500
sarah (master)$ git log -3 0-name-only
fatal: ambiguous argument '0-name-only': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
sarah (master)$ git log -3 --name-only
commit eae2f0f5239eb56a6fbd020ab85b90f23b6b7b08 (HEAD -> master)
Author: tej <tej@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Update color from red to green
css/style.css
commit 75f5f6b6d03b9fc64ce51a804caa67b64b248e8a
Author: sarah <sarah@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Add instructions to verify application
README.md
commit 70737ed80f8309fc97e80addca5f79d9ae44c841
Author: max <max@example.com>
Date: Fri Sep 12 11:06:41 2025 +0000
Increase interval time to 500
js/theme.js
sarah (master)$