SOURCE CODE MANAGEMENT CA1

File states:

```
[vyshu@Vyshnavis-MacBook-Air CA1 % git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
[vyshu@Vyshnavis-MacBook-Air CA1 % git add workflow.txt
[vyshu@Vyshnavis-MacBook-Air CA1 % git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   workflow.txt

[vyshu@Vyshnavis-MacBook-Air CA1 % git commit -m "Added workflow.txt file"
[master (root-commit) b9bdedb] Added workflow.txt file
 1 file changed, 1 insertion(+)
 create mode 100644 workflow.txt
```

After adding README.md file:

```
[vyshu@Vyshnavis-MacBook-Air CA1 % nano workflow.txt
[vyshu@Vyshnavis-MacBook-Air CA1 % cat workflow.txt
HII THISS ISS CA1
Vyshnavi

[vyshu@Vyshnavis-MacBook-Air CA1 % 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:   workflow.txt

no changes added to commit (use "git add" and/or "git commit -a")
[vyshu@Vyshnavis-MacBook-Air CA1 % git add workflow.txt
[vyshu@Vyshnavis-MacBook-Air CA1 % git commit -m "modified workflow.txt"
[master f0e1a4a] modified workflow.txt
 1 file changed, 2 insertions(+)
[vyshu@Vyshnavis-MacBook-Air CA1 % git status
On branch master
nothing to commit, working tree clean
[vyshu@Vyshnavis-MacBook-Air CA1 % touch README.md
[vyshu@Vyshnavis-MacBook-Air CA1 % nano README.md
[vyshu@Vyshnavis-MacBook-Air CA1 % git add README.md
[vyshu@Vyshnavis-MacBook-Air CA1 % git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   README.md

[vyshu@Vyshnavis-MacBook-Air CA1 % git commit -m "ADDED README file"
[master 886e72a] ADDED README file
 1 file changed, 11 insertions(+)
 create mode 100644 README.md
```

Commit History :

```
create mode 100844 README.md
[vyshu@Vyshnavis-MacBook-Air CA1 % git log
commit 886e72a81ba299e6fca50b2ecbb9be125cbc6b4a (HEAD -> master)
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:28:25 2025 +0530

    ADDED README file

commit f0e1a4a5dd6351dcda060e9ff6123d4b741af058
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:17:52 2025 +0530

    modified workflow.txt

commit b9bdedb0cdf9a56d101a4e6a8064f4151e7431ad
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:14:41 2025 +0530

    Added workflow.txt file
```

B) Compact Version:

```
[vyshu@Vyshnavis-MacBook-Air CA1 % git log --author="vyshnavi1411"

commit 886e72a81ba299e6fca50b2ecbb9be125cbc6b4a (HEAD -> master)
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:28:25 2025 +0530

    ADDED README file

commit f0e1a4a5dd6351dcda060e9ff6123d4b741af058
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:17:52 2025 +0530

    modified workflow.txt

commit b9bdedb0cdf9a56d101a4e6a8064f4151e7431ad
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:14:41 2025 +0530

    Added workflow.txt file
```

C)specific time range:

```
    Added workflow.txt file
vyshu@Vyshnavis-MacBook-Air CA1 % git log --since="24 hours ago"

commit 886e72a81ba299e6fca50b2ecbb9be125cbc6b4a (HEAD -> master)
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:28:25 2025 +0530

    ADDED README file

commit f0e1a4a5dd6351dcda060e9ff6123d4b741af058
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:17:52 2025 +0530

    modified workflow.txt

commit b9bdedb0cdf9a56d101a4e6a8064f4151e7431ad
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:14:41 2025 +0530

    Added workflow.txt file
```

D)Commit messages specific keyword:

```
        Added workflow.txt file
[vyshu@Vyshnavis-MacBook-Air CA1 % git log --grep="Added"

commit b9bdedb0cdf9a56d101a4e6a8064f4151e7431ad
Author: vyshnavi1411 <vyshnavi.kusukuntla@gmail.com>
Date:   Mon Feb 17 15:14:41 2025 +0530

        Added workflow.txt file
vyshu@Vyshnavis-MacBook-Air CA1 %
```