

Name- Harsh Raj
Roll No- 02

Reg. No- 12324910

<https://github.com/harsh-raj04/CA1.git>

```
[harshraj@Harshs-MacBook-Air-2 ~ % cd Desktop/test  
[harshraj@Harshs-MacBook-Air-2 test % mkdir ca  
[harshraj@Harshs-MacBook-Air-2 test % cd ca  
[harshraj@Harshs-MacBook-Air-2 ca % git init  
Initialized empty Git repository in /Users/harshraj/Desktop/test/ca/.git/  
[harshraj@Harshs-MacBook-Air-2 ca % cat >> workflow.txt  
This is CA1^C  
[harshraj@Harshs-MacBook-Air-2 ca % git status  
On branch main
```

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)

```
[harshraj@Harshs-MacBook-Air-2 ca % git add workflow.txt  
[harshraj@Harshs-MacBook-Air-2 ca % git status  
On branch main
```

No commits yet

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

```
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m "This is first commit"  
[main (root-commit) 85bab7d] This is first commit  
1 file changed, 0 insertions(+), 0 deletions(-)
```

create mode 100644 workflow.txt

```
[harshraj@Harshs-MacBook-Air-2 ca % cat workflow.txt  
[harshraj@Harshs-MacBook-Air-2 ca % cat >> workflow.txt  
This is first edit
```

^C

```
[harshraj@Harshs-MacBook-Air-2 ca % git status
```

On branch main

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")

```
[harshraj@Harshs-MacBook-Air-2 ca % git add workflow.txt  
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m "This is first commit"  
[main 876a577] This is first commit  
1 file changed, 2 insertions(+)
```

```
[harshraj@Harshs-MacBook-Air-2 ca % git add workflow.txt
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m "This is first commit"
[main 876a577] This is first commit
 1 file changed, 2 insertions(+)
[harshraj@Harshs-MacBook-Air-2 ca %
[harshraj@Harshs-MacBook-Air-2 ca %
[harshraj@Harshs-MacBook-Air-2 ca % git status
On branch main
nothing to commit, working tree clean
[harshraj@Harshs-MacBook-Air-2 ca % cat >> workflow.txt
this is second edit
^C
[harshraj@Harshs-MacBook-Air-2 ca % git status
On branch main
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")
[harshraj@Harshs-MacBook-Air-2 ca % git add workflow.txt
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m "This is third commit"
[main 8b2d618] This is third commit
  1 file changed, 1 insertion(+)
[harshraj@Harshs-MacBook-Air-2 ca % git status
On branch main
nothing to commit, working tree clean
[harshraj@Harshs-MacBook-Air-2 ca % git log
commit 8b2d6188ac97a41f866938926047c51e882ec3ba (HEAD -> main)
Author: harsh-raj04 <25042002harsh@gmail.com>
Date:  Mon Feb 17 15:20:47 2025 +0530

This is third commit

commit 876a577a273f1365fa5556463481bd946c4517da
Author: harsh-raj04 <25042002harsh@gmail.com>
Date:  Mon Feb 17 15:19:37 2025 +0530

This is first commit

commit 85bab7d6480f12de16fd8f183cd4b353ed8f624a
Author: harsh-raj04 <25042002harsh@gmail.com>
Date:  Mon Feb 17 15:17:47 2025 +0530

This is first commit
[harshraj@Harshs-MacBook-Air-2 ca % git log --oneline
8b2d618 (HEAD -> main) This is third commit
876a577 This is first commit
```

```
[harshraj@Harshs-MacBook-Air-2 ca % git log --oneline  
8b2d618 (HEAD -> main) This is third commit  
876a577 This is first commit  
85bab7d This is first commit  
[harshraj@Harshs-MacBook-Air-2 ca % git log --author "harsh-raj04"  
commit 8b2d6188ac97a41f866938926047c51e882ec3ba (HEAD -> main)  
Author: harsh-raj04 <25042002harsh@gmail.com>  
Date: Mon Feb 17 15:20:47 2025 +0530
```

This is third commit

```
commit 876a577a273f1365fa5556463481bd946c4517da  
Author: harsh-raj04 <25042002harsh@gmail.com>  
Date: Mon Feb 17 15:19:37 2025 +0530
```

This is first commit

```
commit 85bab7d6480f12de16fd8f183cd4b353ed8f624a  
Author: harsh-raj04 <25042002harsh@gmail.com>  
Date: Mon Feb 17 15:17:47 2025 +0530
```

This is first commit

```
[harshraj@Harshs-MacBook-Air-2 ca % git log --since="2024-02-16" --until="2024-02-17"  
dquote>  
[dquote]>  
[harshraj@Harshs-MacBook-Air-2 ca % git log --since="2024-02-16" --until="2024-02-17"  
[harshraj@Harshs-MacBook-Air-2 ca % git log --since="24 hours ago"  
commit 8b2d6188ac97a41f866938926047c51e882ec3ba (HEAD -> main)  
Author: harsh-raj04 <25042002harsh@gmail.com>  
Date: Mon Feb 17 15:20:47 2025 +0530
```

This is third commit

```
commit 876a577a273f1365fa5556463481bd946c4517da  
Author: harsh-raj04 <25042002harsh@gmail.com>  
Date: Mon Feb 17 15:19:37 2025 +0530
```

This is first commit

```
commit 85bab7d6480f12de16fd8f183cd4b353ed8f624a  
Author: harsh-raj04 <25042002harsh@gmail.com>  
Date: Mon Feb 17 15:17:47 2025 +0530
```

This is first commit

```
[harshraj@Harshs-MacBook-Air-2 ca % git log --grep ="commit"  
zsh: commit not found  
[harshraj@Harshs-MacBook-Air-2 ca % git log --grep="commit"  
commit 8b2d6188ac97a41f866938926047c51e882ec3ba (HEAD -> main)
```

```
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/harsh-raj04/CA1.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
[harshraj@Harshs-MacBook-Air-2 ca % git add README.md
fatal: pathspec 'README.md' did not match any files
[harshraj@Harshs-MacBook-Air-2 ca % nano README.md
[harshraj@Harshs-MacBook-Air-2 ca % git add README.md
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m "First Read me file is added"
[main 8bd79ad] First Read me file is added
 1 file changed, 13 insertions(+)
 create mode 100644 README.md
[harshraj@Harshs-MacBook-Air-2 ca % git push
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), 513 bytes | 513.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/harsh-raj04/CA1.git
 8b2d618..8bd79ad  main -> main
[harshraj@Harshs-MacBook-Air-2 ca % nano README.md
[harshraj@Harshs-MacBook-Air-2 ca % git status
On branch main
Your branch is up to date with 'origin/main'.

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:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
[harshraj@Harshs-MacBook-Air-2 ca % git add README.md
[harshraj@Harshs-MacBook-Air-2 ca % git push
Everything up-to-date
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m"Answer of second question is added to readme file"
[main 12e1383] Answer of second question is added to readme file
 1 file changed, 14 insertions(+)
[harshraj@Harshs-MacBook-Air-2 ca % git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 754 bytes | 754.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/harsh-raj04/CA1.git
 8bd79ad..12e1383  main -> main
harshraj@Harshs-MacBook-Air-2 ca %
```

```
[harshraj@Harshs-MacBook-Air-2 ca % git log --grep ="commit"
zsh: commit not found
[harshraj@Harshs-MacBook-Air-2 ca % git log --grep="commit"
commit 8b2d6188ac97a41f866938926047c51e882ec3ba (HEAD -> main)
Author: harsh-raj04 <25042002harsh@gmail.com>
Date:   Mon Feb 17 15:20:47 2025 +0530
```

This is third **commit**

```
commit 876a577a273f1365fa5556463481bd946c4517da
Author: harsh-raj04 <25042002harsh@gmail.com>
Date:   Mon Feb 17 15:19:37 2025 +0530
```

This is first **commit**

```
commit 85bab7d6480f12de16fd8f183cd4b353ed8f624a
Author: harsh-raj04 <25042002harsh@gmail.com>
Date:   Mon Feb 17 15:17:47 2025 +0530
```

This is first **commit**

```
[harshraj@Harshs-MacBook-Air-2 ca % git git remote add origin https://github.com/harsh-raj04/CA1.git
git: 'git' is not a git command. See 'git --help'.
```

The most similar command is

init

```
[harshraj@Harshs-MacBook-Air-2 ca % git remote add origin https://github.com/harsh-raj04/CA1.git
[harshraj@Harshs-MacBook-Air-2 ca % git push -u origin main
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (9/9), 712 bytes | 712.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/harsh-raj04/CA1.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
[harshraj@Harshs-MacBook-Air-2 ca % git add README.md
fatal: pathspec 'README.md' did not match any files
[harshraj@Harshs-MacBook-Air-2 ca % nano README.md
[harshraj@Harshs-MacBook-Air-2 ca % git add README.md
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m "First Read me file is added"
[main 8bd79ad] First Read me file is added
 1 file changed, 13 insertions(+)
  create mode 100644 README.md
[harshraj@Harshs-MacBook-Air-2 ca % git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
```

```
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/harsh-raj04/CA1.git
  8b2d618..8bd79ad main -> main
[harshraj@Harshs-MacBook-Air-2 ca % nano README.md
[harshraj@Harshs-MacBook-Air-2 ca % git status
On branch main
Your branch is up to date with 'origin/main'.

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:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
[harshraj@Harshs-MacBook-Air-2 ca % git add README.md
[harshraj@Harshs-MacBook-Air-2 ca % git push
Everything up-to-date
[harshraj@Harshs-MacBook-Air-2 ca % git commit -m"Answer of second question is added to readme file"
[main 12e1383] Answer of second question is added to readme file
  1 file changed, 14 insertions(+)
[harshraj@Harshs-MacBook-Air-2 ca % git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 754 bytes | 754.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/harsh-raj04/CA1.git
  8bd79ad..12e1383 main -> main
[harshraj@Harshs-MacBook-Air-2 ca % !history
history
1046 git log --grep ="commit"
1047 git log --grep="commit"
1048 git remote add origin https://github.com/harsh-raj04/CA1.git
1049 git remote add origin https://github.com/harsh-raj04/CA1.git
1050 git push -u origin main
1051 git add README.md
1052 nano README.md
1053 git add README.md
1054 git commit -m "First Read me file is added"
1055 git push
1056 nano README.md
1057 git status
1058 git add README.md
1059 git push
1060 git commit -m"Answer of second question is added to readme file"
1061 git push
harshraj@Harshs-MacBook-Air-2 ca %
```