

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

```
shyamashreeghorai24@cloudshell:~ (long-facet-410411)$ git --version
```

```
git version 2.30.2
```

```
shyamashreeghorai24@cloudshell:~ (long-facet-410411)$ git config --global user.name "Shyamashree Ghorai"
```

```
shyamashreeghorai24@cloudshell:~ (long-facet-410411)$ git config --global user.email "shyamashreeghorai24@gmail.com"
```

```
shyamashreeghorai24@cloudshell:~ (long-facet-410411)$ mkdir LetsLearnGit
```

```
shyamashreeghorai24@cloudshell:~ (long-facet-410411)$ git init
```

```
Reinitialized existing Git repository in /home/shyamashreeghorai24/.git/
```

```
shyamashreeghorai24@cloudshell:~ (long-facet-410411)$ cd LetsLearnGit/
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ ls
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

source /home/shyamashreeghorai24/.env/bin/activate

shyamashreeghorai24@cloudshell:~ (**long-facet-410411**)\$ source /home/shyamashreeghorai24/.env/bin/activate

(.env) shyamashreeghorai24@cloudshell:~ (**long-facet-410411**)\$ cd LetsLearnGit/

(.env) shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$ git init

Reinitialized existing Git repository in /home/shyamashreeghorai24/LetsLearnGit/.git/

(.env) shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$ git status

On branch main

No commits yet

Untracked files:

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

Sum.py

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

(.env) shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$

LetsLearnGit > Sum.py > sum

```
1  def sum(a,b):  
2      result = a + b  
3      return result
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to long-facet-410411.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

source /home/shyamashreeghorai24/.env/bin/activate

shyamashreeghorai24@cloudshell:~ (long-facet-410411)\$ source /home/shyamashreeghorai24/.env/bin/activate

(.env) shyamashreeghorai24@cloudshell:~ (long-facet-410411)\$ cd LetsLearnGit/

(.env) shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git init

Reinitialized existing Git repository in /home/shyamashreeghorai24/LetsLearnGit/.git/

(.env) shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch main

No commits yet

Untracked files:

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

Sum.py

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

(.env) shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$ git init

Reinitialized existing Git repository in /home/shyamashreeghorai24/LetsLearnGit/.git/

shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$ git status

On branch main

No commits yet

Untracked files:

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

Sum.py

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$ █

✓ LetsLearnGit

• Sum.py

U

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to long-facet-410411.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git init
Reinitialized existing Git repository in /home/shyamashreeghorai24/LetsLearnGit/.git/
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
On branch main

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

OUTLINE

```
Reinitialized existing Git repository in /home/shyamashreeghorai24/LetsLearnGit/.git/
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
On branch main
```

No commits yet

Untracked files:

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

Sum.py

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

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git add Sum.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
```

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: Sum.py

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```


No commits yet

Untracked files:

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

Sum.py

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

shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)\$ git add Sum.py

shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)\$ git status

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: Sum.py

shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)\$ git commit -m "initial commit"

[main (root-commit) 8beadd8] initial commit

1 file changed, 3 insertions(+)

create mode 100644 Sum.py

shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)\$

UNTITLED (WORKSPACE)

LetsLearnGit

Sum.py

... Sum.py M x

LetsLearnGit > Sum.py > sum

1 def sum(a,b):

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

(use "git rm --cached <file>..." to unstage)
new file: Sum.py

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git commit -m "initial commit"

[main (root-commit) 8beadd8] initial commit

1 file changed, 3 insertions(+)

create mode 100644 Sum.py

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git log

commit 8beadd8d276aaca0db93a78b66069c8f56819499 (HEAD -> main)

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 06:58:56 2024 +0000

initial commit

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ 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: Sum.py

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

Go to Line/Column

> OUTLINE

> TIMELINE

main* 0 0 0 Cloud Code - Sign in

UNTITLED (WORKSPACE)

LetsLearnGit

Diff.py

Sum.py

... Sum.py M X Diff.py A

LetsLearnGit > Sum.py > sum

1 def sum(a,b):

2 | add a + b

A

M

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ 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: Sum.py
```

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

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git add Diff.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
```

```
On branch main
```

```
Changes to be committed:
```

```
(use "git restore --staged <file>..." to unstage)
```

```
new file: Diff.py
```

```
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: Sum.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

> OUTLINE

> TIMELINE

EXPLORER

... Sum.py M x Diff.py

✓ UNTITLED (WORKSPACE)

✓ LetsLearnGit

- Diff.py
- Sum.py M

LetsLearnGit > Sum.py > sum

```
1 def sum(a,b):
```

```
2     a+b
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
modified:   Sum.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git commit -m "Diff.py"
[main 7504534] Diff.py
```

```
1 file changed, 3 insertions(+)
create mode 100644 Diff.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git log
commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e (HEAD -> main)
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 07:03:45 2024 +0000
```

Diff.py

```
commit 8beadd8d276aaca0db93a78b66069c8f56819499
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 06:58:56 2024 +0000
```

initial commit

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

OUTLINE

TIMELINE

```
1 def sum(a,b):
```

```
    return a+b
```

```
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
modified: Sum.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git commit -m "Diff.py"
```

```
[main 7504534] Diff.py
```

```
1 file changed, 3 insertions(+)
```

```
create mode 100644 Diff.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git log
```

```
commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e (HEAD -> main)
```

```
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
```

```
Date: Fri Jan 19 07:03:45 2024 +0000
```

```
Diff.py
```

```
commit 8beadd8d276aaca0db93a78b66069c8f56819499
```

```
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
```

```
Date: Fri Jan 19 06:58:56 2024 +0000
```

```
initial commit
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git
```

LetsLearnGit > Sum.py > sum

1 def sum(a,b):

2 add a + b

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Diff.py

commit 8beadd8d276aaca0db93a78b66069c8f56819499

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 06:58:56 2024 +0000

initial commit

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ 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: Sum.py

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git add .

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git commit -m "added message in Sum.py"

[main b2c3dba] added message in Sum.py

1 file changed, 2 insertions(+), 2 deletions(-)

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

EXPLORER

▼ UNTITLED (WORKSPACE)

▼ LetsLearnGit

Diff.py
Sum.py

... Sum.py X Diff.py
LetsLearnGit > Sum.py > sum

```
1 def sum(a,b):
```

```
2     add a + b
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
[main b2c3dba] added message in Sum.py
1 file changed, 2 insertions(+), 2 deletions(-)
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git log
commit b2c3dbadcc1c4aa2bfa87df18baef05924c26220 (HEAD -> main)
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 07:06:01 2024 +0000
```

added message in Sum.py

```
commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 07:03:45 2024 +0000
```

Diff.py

```
commit 8beadd8d276aaca0db93a78b66069c8f56819499
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 06:58:56 2024 +0000
```

initial commit

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

> OUTLINE

> TIMELINE

UNTITLED (WORKSPACE)

v LetsLearnGit

Sum.py

LetsLearnGit > Sum.py > sum

1 def sum(a,b):

2 return a + b

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

bash + v

checkout

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout 8beadd8d276aaca0db93a78b66069c8f56819499
Note: switching to '8beadd8d276aaca0db93a78b66069c8f56819499'.

You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:

```
git switch -c <new-branch-name>
```

Or undo this operation with:

```
git switch -
```

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 8beadd8 initial commit

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

> OUTLINE

> TIMELINE

8beadd8d 0 0 Cloud Code - Sign in

UNTITLED (WORKSPACE)

LetsLearnGit

Sum.py

LetsLearnGit > Sum.py > sum

```
1 def sum(a,b):  
2     result = a + b
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using `-c` with the switch command. Example:

```
git switch -c <new-branch-name>
```

Or undo this operation with:

```
git switch -
```

Turn off this advice by setting config variable `advice.detachedHead` to false

HEAD is now at 8beadd8 initial commit

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git branch
```

```
* (HEAD detached at 8beadd8)  
  main
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git log
```

> OUTLINE

> TIMELINE

```
1 def sum(a,b):
```

```
2     add a + b
```

Or undo this operation with:

```
git switch -
```

Turn off this advice by setting config variable `advice.detachedHead` to `false`

HEAD is now at 8beadd8 initial commit

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git branch
```

```
* (HEAD detached at 8beadd8)
```

```
main
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git log
```

```
commit 8beadd8d276aaca0db93a78b66069c8f56819499 (HEAD)
```

```
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
```

```
Date: Fri Jan 19 06:58:56 2024 +0000
```

initial commit

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git checkout main
```

```
Previous HEAD position was 8beadd8 initial commit
```

```
Switched to branch 'main'
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

LetsLearnGit > Sum.py > sum

```
1 def sum(a,b):  
2     add a + b
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Previous HEAD position was 8beadd8 initial commit

Switched to branch 'main'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git log

commit b2c3dbadcc1c4aa2bfa87df18baef05924c26220 (HEAD -> main)

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 07:06:01 2024 +0000

added message in Sum.py

commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 07:03:45 2024 +0000

Diff.py

commit 8beadd8d276aaca0db93a78b66069c8f56819499

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 06:58:56 2024 +0000

initial commit

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

LetsLearnGit > Sum.py > sum

1 def sum(a,b):

2 add

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 07:06:01 2024 +0000

added message in Sum.py

commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 07:03:45 2024 +0000

Diff.py

commit 8beadd8d276aaca0db93a78b66069c8f56819499

Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>

Date: Fri Jan 19 06:58:56 2024 +0000

initial commit

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch dev

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch

dev

* main

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

EXPLORER

... UNTITLED (WORKSPACE)

Let's Learn Git

- Diff.py
- Sum.py

Sum.py X Diff.py

Let's Learn Git > Sum.py > sum

```
1 def sum(a,b):  
2     add a + b
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

added message in Sum.py

```
commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e  
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>  
Date: Fri Jan 19 07:03:45 2024 +0000
```

Diff.py

```
commit 8beadd8d276aaca0db93a78b66069c8f56819499  
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>  
Date: Fri Jan 19 06:58:56 2024 +0000
```

initial commit

```
shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)$ git branch dev
```

```
shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)$ git branch
```

dev

* main

```
shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)$ git checkout dev
```

Switched to branch 'dev'

```
shyamashreeghorai24@cloudshell:~/Let's Learn Git (long-facet-410411)$ git checkout -b shyamashree/multiply
```

OUTLINE

TIMELINE

✓ UNTITLED (WORKSPACE)

✓ LetsLearnGit

- Diff.py
- multiply.py
- Sum.py

... Sum.py multiply.py U × Diff.py

LetsLearnGit > multiply.py > multiply

1 def multiply(a,b):

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

commit 8beadd8d276aaca0db93a78b66069c8f56819499
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date: Fri Jan 19 06:58:56 2024 +0000

initial commit

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch dev

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch
dev

* main

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout dev
Switched to branch 'dev'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout -b shyamashree/multiply
Switched to a new branch 'shyamashree/multiply'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch shyamashree/multiply

Untracked files:

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

multiply.py

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

LetsLearnGit > multiply.py > multiply

1 def multiply(a,b):

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch dev

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch

dev

* main

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout dev

Switched to branch 'dev'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout -b shyamashree/multiply

Switched to a new branch 'shyamashree/multiply'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch shyamashree/multiply

Untracked files:

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

multiply.py

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git add multiply.py

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git commit -m "added multiply.py"

[shyamashree/multiply e84d25c] added multiply.py

1 file changed, 3 insertions(+)

create mode 100644 multiply.py

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

UNTITLED (WORKSPACE)

LetsLearnGit

Diff.py

Sum.py

... Sum.py multiply.py X Diff.py

LetsLearnGit > multiply.py > multiply

1 def multiply(a,b):

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

dev

* main

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout dev

Switched to branch 'dev'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout -b shyamashree/multiply

Switched to a new branch 'shyamashree/multiply'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch shyamashree/multiply

Untracked files:

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

multiply.py

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git add multiply.py

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git commit -m "added multiply.py"

[shyamashree/multiply e84d25c] added multiply.py

1 file changed, 3 insertions(+)

create mode 100644 multiply.py

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout dev

Switched to branch 'dev'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

OUTLINE

TIMELINE

✓ UNTITLED (WORKSPACE)

✓ LetsLearnGit

- Diff.py
- multiply.py
- Sum.py

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
On branch shyamashree/multiply
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    multiply.py

nothing added to commit but untracked files present (use "git add" to track)
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git add multiply.py
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git commit -m "added multiply.py"
[shyamashree/multiply e84d25c] added multiply.py
 1 file changed, 3 insertions(+)
 create mode 100644 multiply.py
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git checkout dev
Switched to branch 'dev'
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git merge shyamashree/multiply
Updating b2c3dba..e84d25c
Fast-forward
 multiply.py | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 multiply.py
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

```
1 def multiply(a,b):
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
commit e84d25c4205d1c1a27c31f9d8bf3c5208fb330bc (HEAD -> dev, shyamashree/multiply)
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 07:19:37 2024 +0000
```

```
    added multiply.py
```

```
commit b2c3dbadcc1c4aa2bfa87df18baef05924c26220 (main)
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 07:06:01 2024 +0000
```

```
    added message in Sum.py
```

```
commit 7504534ce6327e53acbc5c0ad2cf6cce84403e6e
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
Date:   Fri Jan 19 07:03:45 2024 +0000
```

```
    Diff.py
```

```
commit 8beadd8d276aaca0db93a78b66069c8f56819499
Author: Shyamashree Ghorai <shyamashreeghorai24@gmail.com>
```

```
:
```

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ touch .gitignore

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

LetsLearnGit > ● multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ touch .gitignore

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch dev

Untracked files:

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

.gitignore
SecrecKey.txt

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

UNTITLED (WORKSPACE)

v LetsLearnGit

◆ .gitignore

◆ Diff.py

◆ multiply.py

≡ Secret.txt

◆ Sum.py

...

◆ Sum.py

◆ multiply.py X

≡ Secret.txt U

◆ Diff.py

LetsLearnGit > ◆ multiply.py > multiply

```
1 def multiply(a,b):
2     result = a*b
3     return result
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
nothing added to commit but untracked files present (use "git add" to track)
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
On branch dev
nothing to commit, working tree clean
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ touch .gitignore
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
On branch dev
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    Secret.txt
```

OUTLINE

TIMELINE

```
nothing added to commit but untracked files present (use "git add" to track)
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

On branch dev

Untracked files:

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

```
.gitignore  
Secret.txt
```

```
nothing added to commit but untracked files present (use "git add" to track)  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status
```

On branch dev

Untracked files:

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

```
.gitignore
```

```
nothing added to commit but untracked files present (use "git add" to track)  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

```
.gitignore  
Secret.txt
```

```
nothing added to commit but untracked files present (use "git add" to track)  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status  
On branch dev  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
  .gitignore
```

```
nothing added to commit but untracked files present (use "git add" to track)  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git status  
On branch dev  
nothing to commit, working tree clean  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

...or create a new repository on the command line

```
echo "# LetsLearnGit" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git
git branch -M main
git push -u origin main
```

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

Untracked files:

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

.gitignore

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch dev

nothing to commit, working tree clean

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git remote -v

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git remote add origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git remote -v

origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git (fetch)

origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git (push)

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

UNTITLED (WORKSPACE)

v LetsLearnGit

.gitignore

Diff.py

multiply.py

Secret.txt

Sum.py

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

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

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

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git status

On branch dev

nothing to commit, working tree clean

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git remote -v

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git remote add origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git remote -v

origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git (fetch)

origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git (push)

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git branch -M main

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

LetsLearnGit > multiply.py > multiply

```
1 def multiply(a,b):  
2     result = a*b  
3     return result
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git (fetch)  
origin https://github.com/ShyamashreeGhorai1/LetsLearnGit.git (push)  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git branch -M main  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git push -u origin main  
Enumerating objects: 12, done.  
Counting objects: 100% (12/12), done.  
Delta compression using up to 2 threads  
Compressing objects: 100% (9/9), done.  
Writing objects: 100% (12/12), 1.04 KiB | 353.00 KiB/s, done.  
Total 12 (delta 2), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (2/2), done.  
To https://github.com/ShyamashreeGhorai1/LetsLearnGit.git  
 * [new branch]      main -> main  
Branch 'main' set up to track remote branch 'main' from 'origin'.  
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```



LetsLearnGit

Public



Pin



Unwatch



main



1 Branch



0 Tags



Go to file

t



Code



ShyamashreeGhorai1 added multiply.py

e84d25c · 18 minutes ago



4 Commits



Diff.py

Diff.py

34 minutes ago



Sum.py

added message in Sum.py

32 minutes ago



multiply.py

added multiply.py

18 minutes ago



README

```
1 def diff(a,b):
2     output = a - b
3     return output
```

Branch 'main' set up to track remote branch 'main' from 'origin'.

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git add Diff.py
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git commit -m "added implementation for Diff.py"
```

```
[main 3610e1d] added implementation for Diff.py
```

```
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$ git push
```

```
Enumerating objects: 5, done.
```

```
Counting objects: 100% (5/5), done.
```

```
Delta compression using up to 2 threads
```

```
Compressing objects: 100% (3/3), done.
```

```
Writing objects: 100% (3/3), 369 bytes | 369.00 KiB/s, done.
```

```
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
```

```
To https://github.com/ShyamashreeGhorai1/LetsLearnGit.git
```

```
e84d25c..3610e1d main -> main
```

```
shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)$
```

main

1 Branch 0 Tags

Go to file

+

<> Code



ShyamashreeGhorai1 added implementation for Diff.py

3610e1d · now

5 Commits



Diff.py

added implementation for Diff.py

now



Sum.py

added message in Sum.py

36 minutes ago



multiply.py

added multiply.py

22 minutes ago



README

UNTITLED (WORKSPACE)

LetsLearnGit

.gitignore

Diff.py

multiply.py

Secret.txt

Sum.py

LetsLearnGit > Diff.py > diff

```
1 def diff(a,b):  
2     result = a - b  
3     return result
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git checkout -b dev
Switched to a new branch 'dev'

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$ git push -u origin dev
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0

remote:

remote: Create a pull request for 'dev' on GitHub by visiting:

remote: <https://github.com/ShyamashreeGhorai1/LetsLearnGit/pull/new/dev>

remote:

To <https://github.com/ShyamashreeGhorai1/LetsLearnGit.git>

* [new branch] dev -> dev

Branch 'dev' set up to track remote branch 'dev' from 'origin'.

shyamashreeghorai24@cloudshell:~/LetsLearnGit (long-facet-410411)\$

> OUTLINE

> TIMELINE

LetsLearnGit

Public



Pin



Unwatch 1



main



2 Branches



0 Tags



Go to file



Code

Switch branches/tags



Find or create a branch...

Branches

Tags

✓ main

default

dev

View all branches

on for Diff.py

3610e1d · 12 minutes ago

5 Commits

added implementation for Diff.py

12 minutes ago

added message in Sum.py

48 minutes ago

added multiply.py

34 minutes ago

LetsLearnGit > Diff.py > diff

```
1 def diff(a,b):  
2     result = a - b  
3     return result
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Welcome to Cloud Shell! Type "help" to get started.

Your Cloud Platform project in this session is set to **long-facet-410411**.

Use "gcloud config set project [PROJECT_ID]" to change to a different project.

shyamashreeghorai24@cloudshell:~/LetsLearnGit (**long-facet-410411**)\$ cd ..

shyamashreeghorai24@cloudshell:~ (**long-facet-410411**)\$ git clone https://github.com/ShyamashreeGhorai1/First-Contribution.git

fatal: destination path 'First-Contribution' already exists and is not an empty directory.

shyamashreeghorai24@cloudshell:~ (**long-facet-410411**)\$