

```
File Edit Selection View Go Run Terminal Help first.py - practice - Visual Studio Code
myrepo > first.py
1 print(list(range(1,10)))

PS D:\infobellit\practice> git
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]
[--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
[-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
[--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
[--super-prefix=<path>] [--config-env=<name>=<envvar>]
<command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)
clone      Clone a repository into a new directory
init       Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)
add        Add file contents to the index
mv         Move or rename a file, a directory, or a symlink
restore    Restore working tree files
rm         Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)
bisect     Use binary search to find the commit that introduced a bug
diff       Show changes between commits, commit and working tree, etc
grep       Print lines matching a pattern
log        Show commit logs
show       Show various types of objects
```

```
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reset      Reset current HEAD to the specified state
tag         Create, list, delete or verify a tag object signed with GPG
pull       Fetch from and integrate with another repository or a local branch
push       Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
PS D:\infobellit\practice> git --version
git version 2.39.0.windows.2
PS D:\infobellit\practice> git init
Initialized empty Git repository in D:/infobellit/practice/.git/
Cloning into 'myrepo'...
remote: Enumerating objects: 28, done.
remote: Counting objects: 100% (28/28), done.
remote: Compressing objects: 36% (7/19)Receiving objects: 100% (28/28), 5.90 KiB | 464.00 KiB/s, done.
remote: Compressing objects: 100% (19/19), done.
remote: Total 28 (delta 2), reused 3 (delta 0), pack-reused 0
PS D:\infobellit\practice> cd myrepo
PS D:\infobellit\practice\myrepo> git status
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS D:\infobellit\practice\myrepo> git add .
PS D:\infobellit\practice\myrepo> git status
On branch main
Your branch is up to date with 'origin/main'.

git clone https://github.com/sarthakd112/myrepo.g
```

```
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PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS D:\infobellit\practice\myrepo> git status
On branch main
Your branch is up to date with 'origin/main'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hello.py
nothing added to commit but untracked files present (use "git add" to track)
PS D:\infobellit\practice\myrepo> git add .
PS D:\infobellit\practice\myrepo> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   hello.py
PS D:\infobellit\practice\myrepo> git commit -m "hello.py file"
[main d00d01b] hello.py file
1 file changed, 1 insertion(+)
create mode 100644 hello.py
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
```

```
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PROBLEMS DEBUG CONSOLE TERMINAL OUTPUT
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 279 bytes | 139.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sarthakd112/myrepo.git
21f4739..d00d01b main -> main
PS D:\infobellit\practice\myrepo> git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS D:\infobellit\practice\myrepo> git log
commit d00d01b680aaf2283a4d927243b36d7d0c433914 (HEAD -> main, origin/main, origin/HEAD)
Author: sarthakd112 <sarthakd112@gmail.com>
Date: Mon Apr 17 12:26:49 2023 +0530

    hello.py file

commit 21f4739bdd6544457bacd9a268f684e7c0d2b67a
Author: sarthakd112 <122269455+sarthakd112@users.noreply.github.com>
Date: Sat Mar 18 15:52:10 2023 +0530

    projectpubg.yml

commit 49e2d5de6825c966c9e05147d08d1543bef651b7
```

Visual Studio Code interface showing the terminal output of the `git help` command. The editor has a file `first.py` open with the content `print(list(range(1,10)))`. The terminal shows the following output:

```
PS D:\infobellit\practice\myrepo> git help
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <name>=<value>]
      [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
      [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
      [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
      [--super-prefix=<path>] [--config-env=<name>=<envvar>]
      <command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)
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work on the current change (see also: git help everyday)
  add        Add file contents to the index
  mv         Move or rename a file, a directory, or a symlink
  restore    Restore working tree files
  rm         Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)
  bisect    Use binary search to find the commit that introduced a bug
  diff      Show changes between commits, commit and working tree, etc
  grep      Print lines matching a pattern
```

The status bar at the bottom indicates: master, 0 changes, UTF-8, CRLF, Python 3.11.0 64-bit.

Visual Studio Code interface showing the terminal output of the `git branch` command. The editor has the same file `first.py` open. The terminal shows the following output:

```
log      Show commit logs
show     Show various types of objects
status   Show the working tree status

grow, mark and tweak your common history
  branch  List, create, or delete branches
  commit  Record changes to the repository
  pull    Fetch from and integrate with another repository or a local branch
  push    Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
to read about a specific subcommand or concept.
PS D:\infobellit\practice\myrepo>

PS D:\infobellit\practice\myrepo>
PS D:\infobellit\practice\myrepo> git brach
The most similar command is
  branch
PS D:\infobellit\practice\myrepo> git branch
* main
PS D:\infobellit\practice\myrepo> git branch sarthak
* main
  sarthak
PS D:\infobellit\practice\myrepo> git checkout sarthak
PS D:\infobellit\practice\myrepo> git branch
```


The status bar at the bottom indicates: master, 0 changes, UTF-8, CRLF, Python 3.11.0 64-bit.

 sarthak had recent pushes less than a minute ago

Compare & pull request









main 2 branches 0 tags

Go to file Add file <> Code

 Your main branch isn't protected

Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#)

Protect this branch

 sarthakd112	hello.py file	 d00d01b 11 minutes ago	 9 commits
	.github/workflows	projectpubg.yml	last month
	file.txt	new commit	last month
	hello.py	hello.py file	11 minutes ago
	requirements.txt	Update requirements.txt	3 months ago
	visual.py	Add files via upload	3 months ago

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File Edit Selection View Go Run Terminal Help first.py - practice - Visual Studio Code

myrepo > first.py

1 print(list(range(1,10)))

TERMINAL

PS D:\infobellit\practice\myrepo> git checkout sarthak

PS D:\infobellit\practice\myrepo> git branch

main

* sarthak

PS D:\infobellit\practice\myrepo> git add .

PS D:\infobellit\practice\myrepo> git status

On branch sarthak

Changes to be committed:

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

PS D:\infobellit\practice\myrepo> git commit -m "printing 1 to 9 number in a list"

[sarthak 07eff99] printing 1 to 9 number in a list

1 file changed, 1 insertion(+)

create mode 100644 first.py

fatal: The current branch sarthak has no upstream branch.

To push the current branch and set the remote as upstream, use

git push --set-upstream origin sarthak

To have this happen automatically for branches without a tracking upstream, see 'push.autoSetupRemote' in 'git help config'.

PS D:\infobellit\practice\myrepo> git push sarthak

fatal: 'sarthak' does not appear to be a git repository

Ln 1, Col 25 Spaces: 4 UTF-8 CRLF Python 3.11.0 64-bit

Visual Studio Code interface showing a terminal session. The file explorer on the left shows a project named 'myrepo' with a file 'first.py'. The terminal output shows the following commands and errors:

```
myrepo > git pull
fatal: 'sarthak' does not appear to be a git repository

Please make sure you have the correct access rights
and the repository exists.
PS D:\infobellit\practice\myrepo> git pull
There is no tracking information for the current branch.
See git-pull(1) for details.

git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

git branch --set-upstream-to=<remote>/<branch> sarthak

PS D:\infobellit\practice\myrepo> git push sarthak
fatal: 'sarthak' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
Enumerating objects: 4, done.
Compressing objects: 100% (2/2), done.
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: https://github.com/sarthakd112/myrepo/pull/new/sarthak
To https://github.com/sarthakd112/myrepo.git
```


The status bar at the bottom shows 'master' branch, 0 commits, and the file 'first.py' is open at line 1, column 25.

Visual Studio Code interface showing a terminal session. The file explorer on the left shows a project named 'myrepo' with a file 'first.py'. The terminal output shows the following commands and output:

```
branch 'sarthak' set up to track 'origin/sarthak'.
PS D:\infobellit\practice\myrepo> git branch -d sarthak
PS D:\infobellit\practice> git branch -d sarthak
PS D:\infobellit\practice> cd .\myrepo\
PS D:\infobellit\practice\myrepo> git branch
main
* sarthak
PS D:\infobellit\practice\myrepo> git branch -d sarthak
error: Cannot delete branch 'sarthak' checked out at 'D:/infobellit/practice/myrepo'
PS D:\infobellit\practice\myrepo> git merge sarthak
Already up to date.
PS D:\infobellit\practice\myrepo> git branch
main
* sarthak
PS D:\infobellit\practice\myrepo> git tag demo1.0
PS D:\infobellit\practice\myrepo> git tag
demo1.0
commit 07eff99f3a3e0cd7436478d5cfd89e2151 (HEAD -> sarthak, tag: demo1.0, origin/sarthak)
Author: sarthakd112 <sarthakd112@gmail.com>
Date: Mon Apr 17 12:35:33 2023 +0530
    printing 1 to 9 number in a list

diff --git a/first.py b/first.py
new file mode 100644
index 0000000..5057db6
--- /dev/null
```

The status bar at the bottom shows 'master' branch, 0 commits, and the file 'first.py' is open at line 1, column 25.




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sarthakd112 / myrepo Public

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 sarthak had recent pushes 6 minutes ago [Compare & pull request](#)

[main](#) [2 branches](#) [1 tag](#) [Go to file](#) [Add file](#) [Code](#)

 **Your main branch isn't protected**
Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#)

[Protect this branch](#)

 sarthakd112 hello.py file ✗ d00d01b 17 minutes ago 🕒 9 commits

	.github/workflows	projectpubg.yml	last month
	file.txt	new commit	last month
	hello.py	hello.py file	17 minutes ago
	requirements.txt	Update requirements.txt	3 months ago
	visual.py	Add files via upload	3 months ago

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1 tags

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first.py - practice - Visual Studio Code

myrepo > first.py

1 print(list(range(1,10)))

PROBLEMS

DEBUG CONSOLE

TERMINAL

OUTPUT

```
PS D:\infobellit\practice\myrepo> git tag demo1.0
PS D:\infobellit\practice\myrepo> git tag demo1.0
commit 07eff99f3a3e0cd7436478d5cfdfdccfd89e2151 (HEAD -> sarthak, tag: demo1.0, origin/sarthak)
Author: sarthakd112 <sarthakd112@gmail.com>
Date: Mon Apr 17 12:35:33 2023 +0530
    printing 1 to 9 number in a list

diff --git a/first.py b/first.py
new file mode 100644
index 0000000..5057db6
--- /dev/null
+++ b/first.py
@@ -0,0 +1 @@
+print(list(range(1,10)))
\ No newline at end of file
PS D:\infobellit\practice\myrepo> git push origin demo1.0
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sarthakd112/myrepo.git
 * [new tag]          demo1.0 -> demo1.0
PS D:\infobellit\practice\myrepo> git push origin --delete demo1.0
To https://github.com/sarthakd112/myrepo.git
 - [deleted]          demo1.0
PS D:\infobellit\practice\myrepo>
```

Find

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↑ ↓ ×

master

0 0 0

Ln 1, Col 25 Spaces: 4 UTF-8 CRLF Python 3.11.0 64-bit