



Assignment on GIT and GIT-Hub

Creating new Repository

Create a new repository


A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Owner ^{*} Repository name ^{*}

 RakshandaSital / rakshandaSRepo 

Great repository names are short and memorable. Need inspiration? How about [laughing-telegram](#)?

Description (optional)

☒  **Public**
Anyone on the Internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.


Initialize this repository with:

Skip this step if you're importing an existing repository.


☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**
Choose which files not to track from a list of templates. [Learn more.](#)




☐ **Choose a license**
A license tells others what they can and can't do with your code. [Learn more.](#)


This will set  **main** as the default branch. Change the default name in your [settings](#).


[Create repository](#)

 RakshandaSital / rakshandaSRepo Unwatch 1 Star 0 Fork 0

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 main  1 branch  0 tags Go to file Add file Code

 RakshandaSital Initial commit 4e98e26 now 1 commit

 README.md Initial commit now

README.md

rakshandaSRepo

About
No description, website, or topics provided.
[Readme](#)

Releases
No releases published
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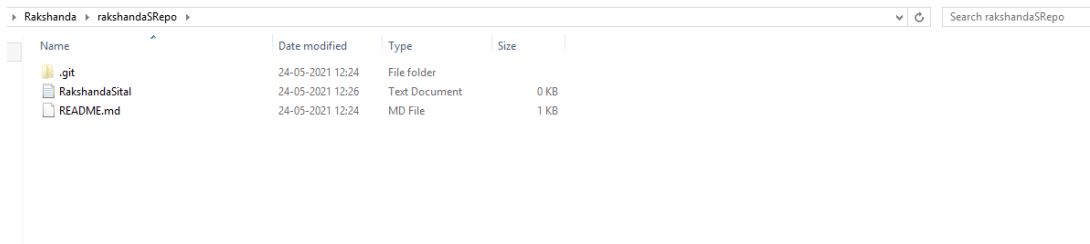
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No packages published
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Git Clone


```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda
$ git clone https://github.com/RakshandaSital/rakshandaSRepo.git
Cloning into 'rakshandaSRepo'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda
$ |
```

Creating File on local machine



Rakshanda > rakshandaSRepo >				
Name	Date modified	Type	Size	
.git	24-05-2021 12:24	File folder		
RakshandaSital	24-05-2021 12:26	Text Document	0 KB	
README.md	24-05-2021 12:24	MD File	1 KB	

Adding file to repository

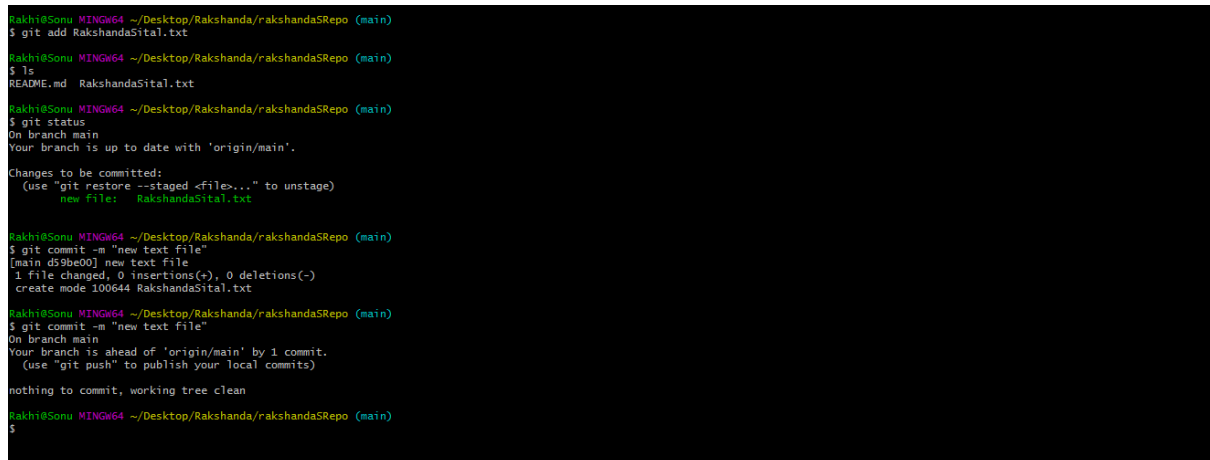


```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git add RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git add README.md
RakshandaSital.txt
README.md

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
```

Committing file using git command



```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git add RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ ls
README.md  RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ 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:   RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git commit -m "new text file"
[main d59be00] new text file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git commit -m "new text file"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$
```

Adding file to git repository

```
README.md  RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ 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:   RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git commit -m "new text file"
[main d59be00] new text file
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git commit -m "new text file"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git push origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 291 bytes | 13.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/RakshandaSital/rakshandaSRepo.git
 4c90626..d59be00  main -> main

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$
```

RakshandaSital / rakshandaSRepo

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main 1 branch 0 tags

Go to file Add file Code

RakshandaSital new text file d59be0 11 minutes ago 2 commits

README.md Initial commit 28 minutes ago

RakshandaSital.txt new text file 11 minutes ago

README.md

rakshandaSRepo

About

No description, website, or topics provided.

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Creating New Branch

```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git branch my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ |
```

Listing branch of Repository

```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git branch my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git branch
* main
  my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ |
```

Pushing new branch to repository

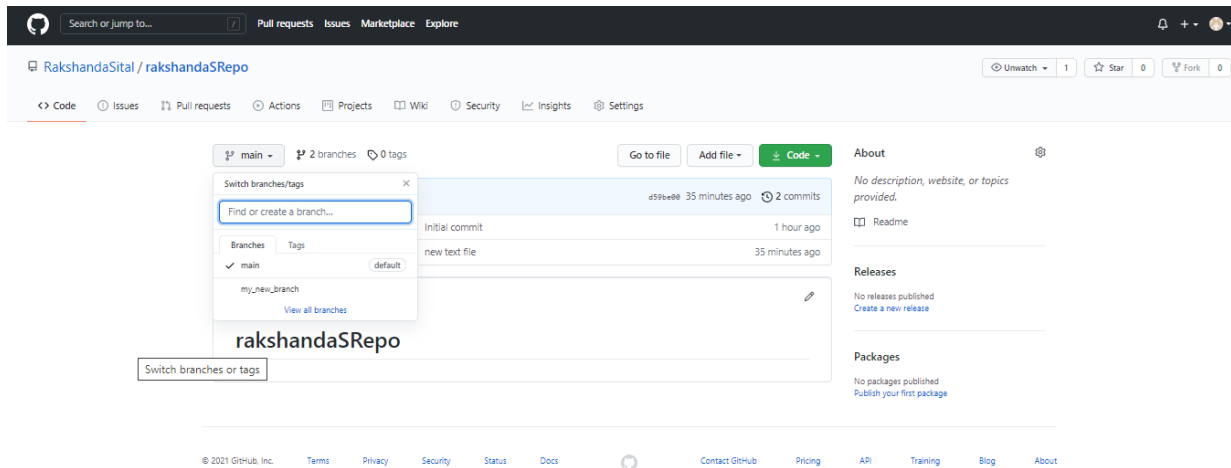
```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git branch
* main
  my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git checkout my_new_branch
Switched to branch 'my_new_branch'

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git branch
* main
  my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git push -u origin my_new_branch
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'my_new_branch' on GitHub by visiting:
remote:   https://github.com/RakshandaSital/rakshandaSRepo/pull/new/my_new_branch
remote:
To https://github.com/RakshandaSital/rakshandaSRepo.git
 * [new branch]    my_new_branch -> my_new_branch
branch 'my_new_branch' set up to track remote branch 'my_new_branch' from 'origin'.

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ |
```



Adding text in file and commit to new branch

```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ cat RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ cat RakshandaSital.txt
Hey!!!
This is new text File with name "RakshandaSital" .
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ |
```

```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git add RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ ls
README.md  RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ cat RakshandaSital.txt
Hey!!!
This is new text File with name "RakshandaSital" .
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git commit -m "data is added to file"
[my_new_branch 713085d] data is added to file
1 file changed, 2 insertions(+)

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ ls
README.md  RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git push origin my_new_branch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 351 bytes | 18.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/RakshandaSital/rakshandaSRepo.git
   d59be00..713085d  my_new_branch -> my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ |
```

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my_new_branch rakshandaSRepo / RakshandaSital.txt Go to file

RakshandaSital data is added to file Latest commit 713085d 2 minutes ago History

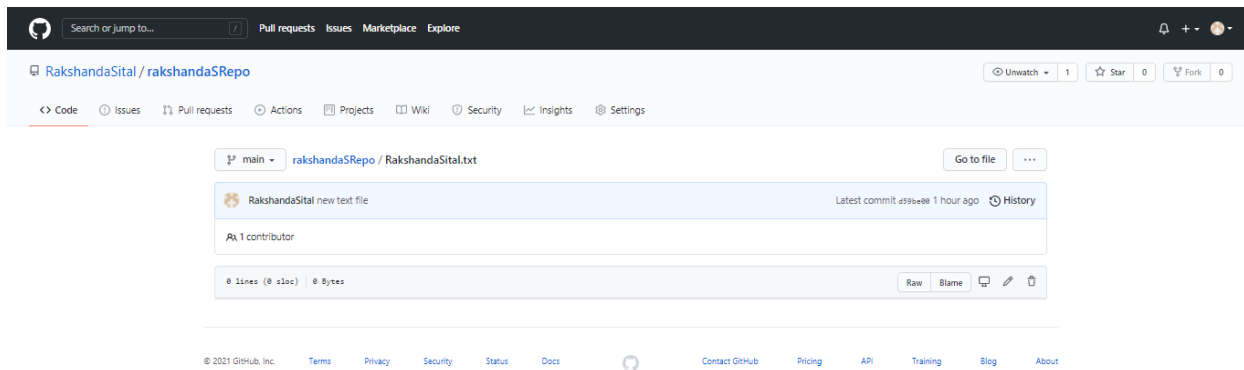
1 contributor

2 lines (2 sloc) | 57 Bytes Raw Blame

```
1 Hey!!!
2 This is new text file with name "RakshandaSital" .
```

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(main branch)



Merging new created branch with main branch

```
Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git commit -m "data is added to file"
[my_new_branch 713085d] data is added to file
1 file changed, 2 insertions(+)

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ ls
README.md RakshandaSital.txt

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git push origin my_new_branch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 351 bytes | 18.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/RakshandaSital/rakshandaSRepo.git
   d59be00..713085d  my_new_branch -> my_new_branch

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git merge main
Already up to date.

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git merge my_new_branch
Updating d59be00..713085d
Fast-forward
 RakshandaSital.txt | 2 ++
 1 file changed, 2 insertions(+)

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git branch
* main
  my_new_branch

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ cat RakshandaSital.txt
Hey!!!
This is new text file with name "RakshandaSital".

Rakhi@Somu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$
```

```

$ ls
README.md  RakshandaSital.txt

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git push origin my_new_branch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 351 bytes | 18.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/RakshandaSital/rakshandaSRepo.git
   d59be00..713085d  my_new_branch -> my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git merge main
Already up to date.

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (my_new_branch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git merge my_new_branch
Updating d59be00..713085d
Fast-forward
 RakshandaSital.txt | 2 ++
 1 file changed, 2 insertions(+)

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git branch
* main
  my_new_branch

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ cat RakshandaSital.txt
Hey!!!
This is new text file with name "RakshandaSital" .
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/RakshandaSital/rakshandaSRepo.git
   d59be00..713085d  main -> main

Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)

```

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main rakshandaSRepo / RakshandaSital.txt

RakshandaSital data is added to file
 Latest commit 713085d 21 minutes ago
 [History](#)

1 contributor

2 lines (2 lines) 57 Bytes
 [Raw](#)
[Blame](#)

```

1 Hey!!!
2 This is new text file with name "RakshandaSital" .

```

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main rakshandaSRepo / RakshandaSital.txt

RakshandaSital Update RakshandaSital.txt
 Latest commit 128431e now
 [History](#)

1 contributor

3 lines (3 lines) 77 Bytes
 [Raw](#)
[Blame](#)

```

1 Hey!!!
2 This is new text file with name "RakshandaSital" .
3 new data inserted

```

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Getting the changes back to computer

```
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ cat RakshandaSital.txt
Hey!!!
This is new text file with name "RakshandaSital" .
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 740 bytes | 3.00 KiB/s, done.
From https://github.com/RakshandaSital/rakshandaSRepo
   713085d..129451e  main    -> origin/main
Updating 713085d..129451e
Fast-forward
 RakshandaSital.txt | 3 ++
 1 file changed, 2 insertions(+), 1 deletion(-)
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$ cat RakshandaSital.txt
Hey!!!
This is new text file with name "RakshandaSital" .
new data inserted
Rakhi@Sonu MINGW64 ~/Desktop/Rakshanda/rakshandaSRepo (main)
$
```