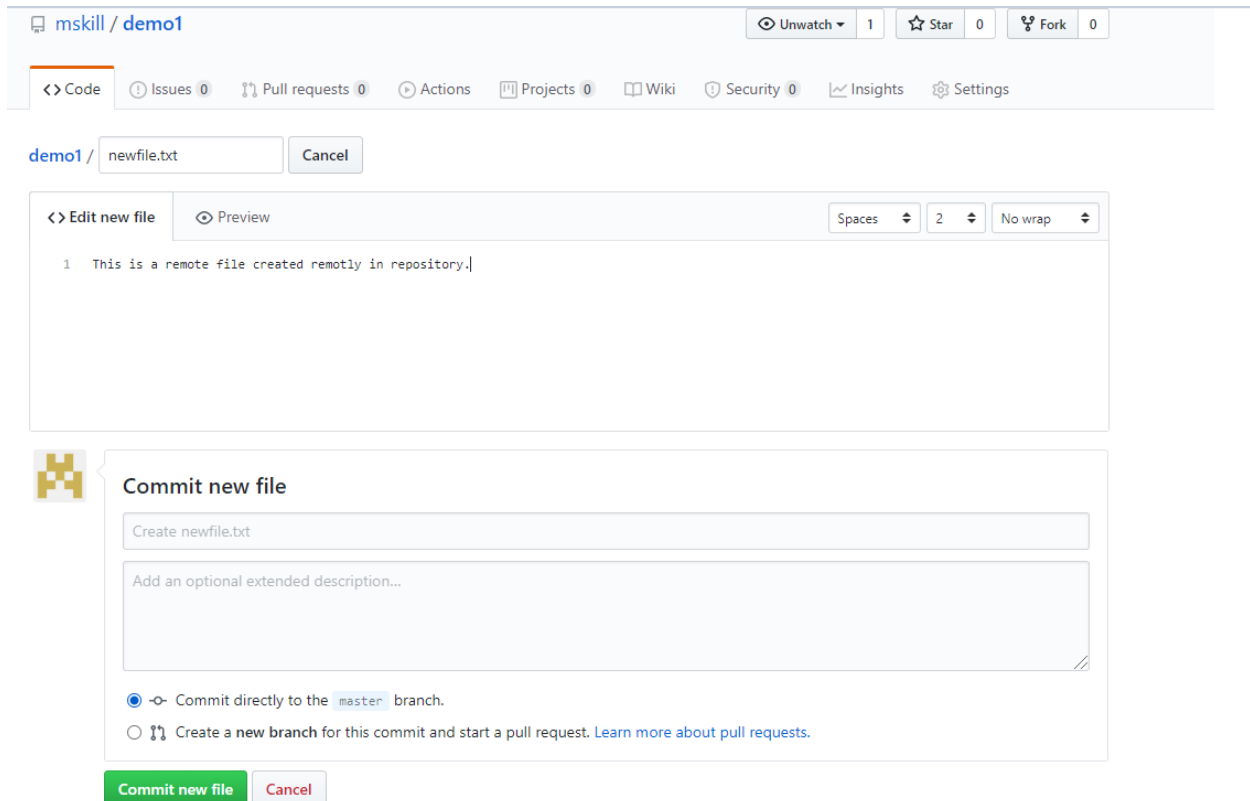


GITHUB - PART 2

Creating a file in Remote repository

Provide the file name and add a description to that file. To commit the changes in the repository, click 'Commit New File'



The screenshot shows the GitHub web interface for a repository named 'demo1' under the user 'mskill'. The repository has 1 watch, 0 stars, and 0 forks. The 'Code' tab is selected, and a new file named 'newfile.txt' is being created. The file content is '1 This is a remote file created remotly in repository.' The 'Commit new file' dialog is open, showing the file name 'newfile.txt' and a description field. The commit options are set to 'Commit directly to the master branch'.

mskill / demo1

Unwatch 1 Star 0 Fork 0

<> Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

demo1 / newfile.txt Cancel

<> Edit new file Preview Spaces 2 No wrap

1 This is a remote file created remotly in repository.

Commit new file

Create newfile.txt

Add an optional extended description...

☒ Commit directly to the master branch.

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit new file Cancel

Adding a file remotely will not be there in the local directory. Check the files using `dir`

```
C:\Users\Skill07\Downloads\demo1>dir
Volume in drive C has no label.
Volume Serial Number is A20C-B44D

Directory of C:\Users\Skill07\Downloads\demo1

05/30/2020  10:01 PM    <DIR>          .
05/30/2020  10:01 PM    <DIR>          ..
05/30/2020  10:01 PM                12 README.md
               1 File(s)                12 bytes
               2 Dir(s)  96,239,861,760 bytes free
```

As per the screenshot above, there is 1 file in the repository.

To pull the file that is added in remote repository to local repository, we use PULL command

```
git pull
```

```
C:\Users\Skill07\Downloads\demo1>git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
Unpacking objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
From github.com:mskill/demo1
   a74d8ad..90475cb master    -> origin/master
Updating a74d8ad..90475cb
Fast-forward
 newfile.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 newfile.txt
```

After pull, if I check the local repository using `dir`, there are 2 files as shown:

```
C:\Users\Skill07\Downloads\demo1>dir
Volume in drive C has no label.
Volume Serial Number is A20C-B44D

Directory of C:\Users\Skill07\Downloads\demo1

05/30/2020  10:46 PM    <DIR>          .
05/30/2020  10:46 PM    <DIR>          ..
05/30/2020  10:46 PM                54 newfile.txt
05/30/2020  10:01 PM                12 README.md
               2 File(s)                  66 bytes
               2 Dir(s)  96,242,581,504 bytes free
```

To add a branch in master branch

```
git branch branchname
```

Switch the branch

```
git checkout branchname
```

```
C:\Users\Skill07\Downloads\demo1>git branch mybranch

C:\Users\Skill07\Downloads\demo1>git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

C:\Users\Skill07\Downloads\demo1>git checkout mybranch
Switched to branch 'mybranch'

C:\Users\Skill07\Downloads\demo1>git status
On branch mybranch
nothing to commit, working tree clean
```

Adding a file in branch

```
echo "#content">> filename.txt
```

Then add the file and push the file. To create the branch remotely we have to use

```
git push --set-upstream origin branchname
```

```

C:\Users\Skill07\Downloads\demo1>echo "#stuff on branch">> stuffonbranch.txt

C:\Users\Skill07\Downloads\demo1>git add stuffonbranch.txt

C:\Users\Skill07\Downloads\demo1>git commit -m "add to the branch"
[mybranch 70fed8] add to the branch
1 file changed, 1 insertion(+)
create mode 100644 stuffonbranch.txt

C:\Users\Skill07\Downloads\demo1>git push
fatal: The current branch mybranch has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin mybranch

C:\Users\Skill07\Downloads\demo1>git push --set-upstream origin mybranch
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), 332 bytes | 110.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'mybranch' on GitHub by visiting:
remote:   https://github.com/mskill/demo1/pull/new/mybranch
remote:
To github.com:mskill/demo1.git
 * [new branch]      mybranch -> mybranch
Branch 'mybranch' set up to track remote branch 'mybranch' from 'origin'.

C:\Users\Skill07\Downloads\demo1>git push
Everything up-to-date

```

Switch the branch again to the master using

```
git checkout master
```

Merge command to merge the branches

```
git merge mybranch
```

As the merge command is used the new create branch will be merged to the master branch and the file will be inserted to it. Previously, we have 2 file in the master, now there are 3 files. Make sure to push the files using git push

```

C:\Users\Skill07\Downloads\demo1>git merge mybranch
Updating 90475cb..70fed8
Fast-forward
 stuffonbranch.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 stuffonbranch.txt

C:\Users\Skill07\Downloads\demo1>dir
Volume in drive C has no label.
Volume Serial Number is A20C-B44D

Directory of C:\Users\Skill07\Downloads\demo1

05/30/2020  11:13 PM    <DIR>          .
05/30/2020  11:13 PM    <DIR>          ..
05/30/2020  10:46 PM                54 newfile.txt
05/30/2020  10:01 PM                12 README.md
05/30/2020  11:13 PM                20 stuffonbranch.txt
               3 File(s)                86 bytes
               2 Dir(s) 96,234,496,000 bytes free

C:\Users\Skill07\Downloads\demo1>git push
Total 0 (delta 0), reused 0 (delta 0)
To github.com:mskill/demo1.git
 90475cb..70fed8 master -> master

```

Now, the file which is in the branch, is now in the master branch

mskill / demo1

Unwatch 1
Star 0
Fork 0

<> Code
Issues 0
Pull requests 0
Actions
Projects 0
Wiki
Security 0
Insights
Settings

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

3 commits
2 branches
0 packages
0 releases
1 contributor

Branch: master
New pull request
Create new file
Upload files
Find file
Clone or download

mskill add to the branch			Latest commit 70fed8 15 minutes ago
README.md	first commit	1 hour ago	
newfile.txt	Create newfile.txt	32 minutes ago	
stuffonbranch.txt	add to the branch	15 minutes ago	

README.md

