



Q1.



Do it yourself



01

Create An Account

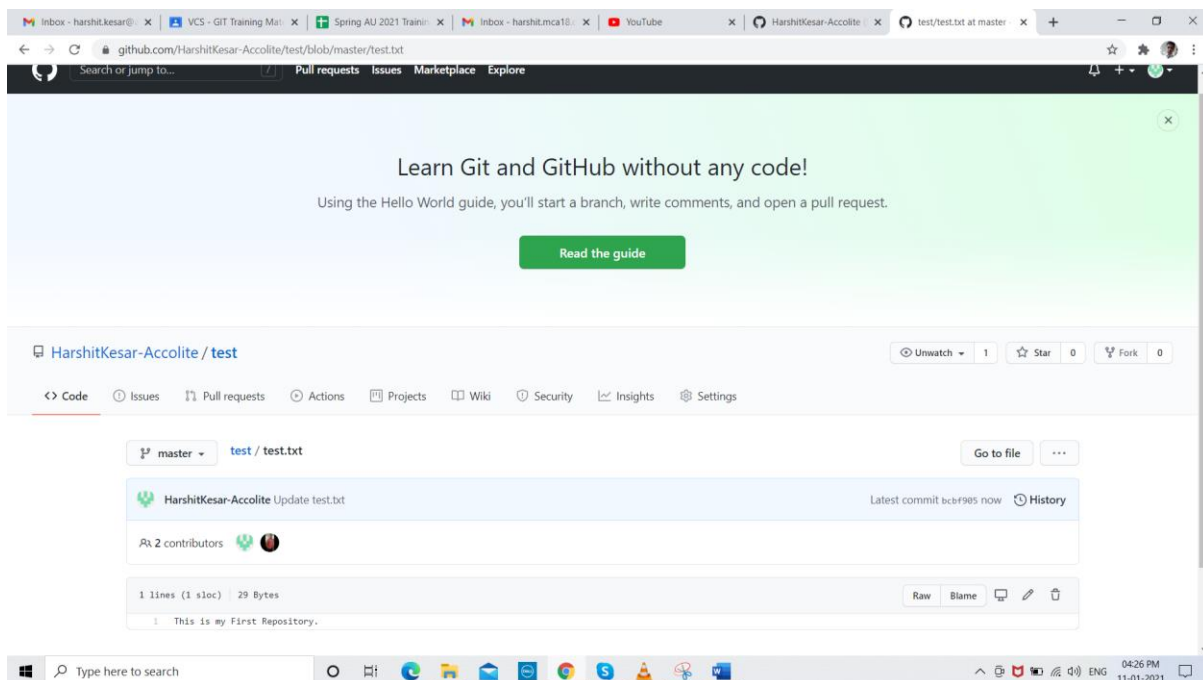
Go to [github](#) and create an account using your Accolite email id

02

Create your first repository

© Copyright 2021 Accolite. All Rights Reserved

Ans.



The screenshot shows a web browser displaying the GitHub repository page for 'HarshitKesar-Accolite / test'. The browser's address bar shows the URL 'github.com/HarshitKesar-Accolite/test/blob/master/test.txt'. The page features a green banner with the text 'Learn Git and GitHub without any code!' and a 'Read the guide' button. Below the banner, the repository name 'HarshitKesar-Accolite / test' is displayed, along with statistics for 'Unwatch', 'Star', and 'Fork'. The 'Code' tab is selected, showing the file 'test / test.txt' with its latest commit 'HarshitKesar-Accolite Update test.txt'. The file content is visible, showing a single line: 'This is my First Repository.' The Windows taskbar at the bottom indicates the time as 04:26 PM on 11-01-2021.

Q2.



Do it yourself

### 01 Quotes Archive

- Fork  
<https://github.com/BireshKumarMishra/testgit>
- Create a new file in develop branch with your name  
<first-name>.txt
- Write down your favorite quote inside the file
- Make it appear on your own fork
- Create a pull request



© Copyright 2021 Accolite. All Rights Reserved

Ans.

github.com/BireshKumarMishra/testgit/tree/develop

Read the guide

BireshKumarMishra / testgit

Watch 1 Star 0 Fork 23

Code Issues Pull requests 2 Actions Projects Wiki Security Insights

develop 3 branches 0 tags

This branch is 41 commits ahead of master. #23 Compare

BireshKumarMishra Merge pull request #21 from Mohit-Accolite-sharma399/develop a08f641 3 days ago 55 commits

Disha_Surana.txt	Quote added to Disha_Surana.txt file	5 days ago
Dishant.txt	Quote File Uploaded	5 days ago
HarshitKesar.txt	created file HarshitKesar.txt	5 days ago
Himani.txt	Create Himani.txt	5 days ago
Hritik.txt	Creating new file in develop branch	5 days ago
Kajal.txt	added Kajal.txt	5 days ago
Mohit.txt	New file added	4 days ago
Praveen_Kumar_Sharma.txt	Added Praveen_Kumar_Sharma.txt File	5 days ago

About

No description, website, or topics provided.

Releases

No releases published

Packages

No packages published

Contributors 4

BireshKumarMishra

jatin011

Q3.



### Do it yourself

## 01 Resolve your conflicts

Deliberately introduce merge conflicts and resolve them.  
List down the steps that could potentially lead to a merge conflict

© Copyright 2021 Accolite. All Rights Reserved

Ans.

```
Select C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19041.685]
(c) 2020 Microsoft Corporation. All rights reserved.

D:\Accolite\GitHub\test>git pull
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (9/9), 1.98 KiB | 3.00 KiB/s, done.
From https://github.com/HarshitKesar-Accolite/test
   12ce286..82b7582 master    -> origin/master
error: Your local changes to the following files would be overwritten by merge:
       test.txt
Please commit your changes or stash them before you merge.
Aborting
Updating 12ce286..82b7582

D:\Accolite\GitHub\test>
```

As you can see in above screen shot there is a conflict on doing "git pull" command.

What is conflict?

Sometimes, there are competing changes as 2 or more people might have made changes to the same line

How to Handle this?

GIT automatically handles the merging of code if the changes are in different files or if they are in different lines in the same file.

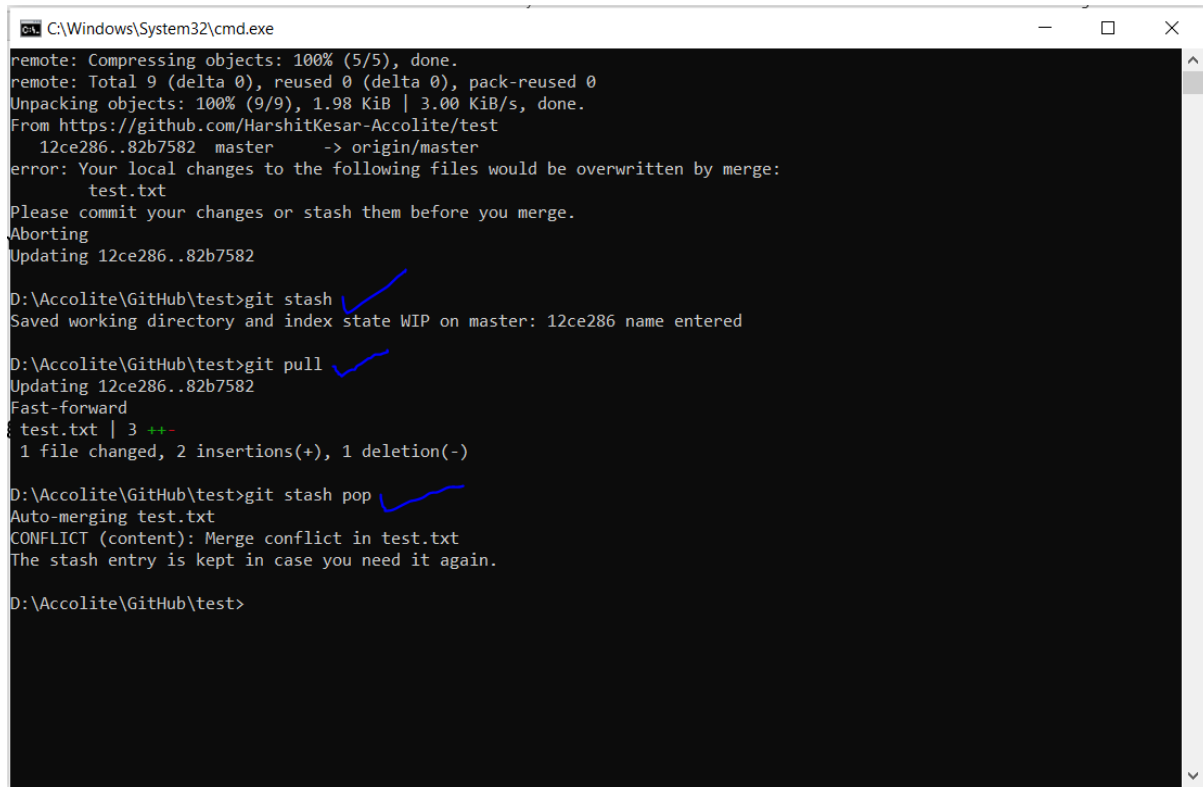
If Automatic merge fails and manual intervention is needed to go through the changes and resolve the conflict.

Steps to resolve this:

Step 1: git stash Command

Step 2: git pull Command

Now here if you again try to do “git stash pop” it will not work as there is a conflict. See the Screenshot below.



```
C:\Windows\System32\cmd.exe
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (9/9), 1.98 KiB | 3.00 KiB/s, done.
From https://github.com/HarshitKesar-Accolite/test
 12ce286..82b7582 master    -> origin/master
error: Your local changes to the following files would be overwritten by merge:
      test.txt
Please commit your changes or stash them before you merge.
Aborting
Updating 12ce286..82b7582

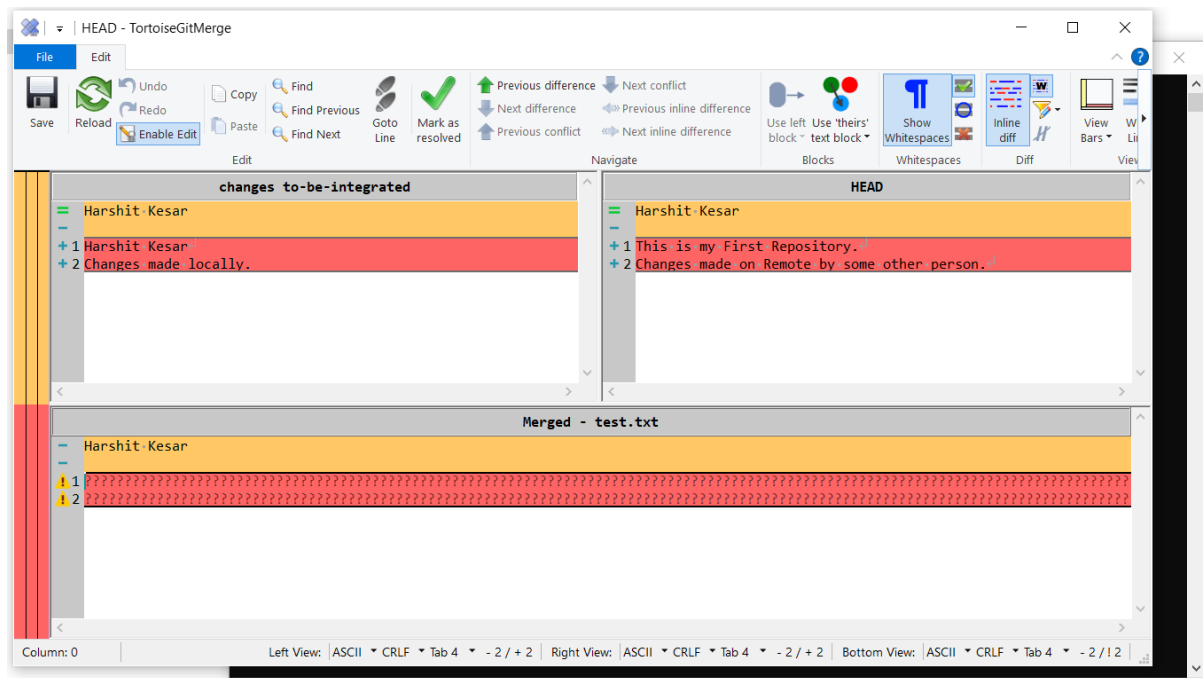
D:\Accolite\GitHub\test>git stash ✓
Saved working directory and index state WIP on master: 12ce286 name entered

D:\Accolite\GitHub\test>git pull ✓
Updating 12ce286..82b7582
Fast-forward
 test.txt | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)

D:\Accolite\GitHub\test>git stash pop ✓
Auto-merging test.txt
CONFLICT (content): Merge conflict in test.txt
The stash entry is kept in case you need it again.

D:\Accolite\GitHub\test>
```

Step 3: Manually resolve the conflict using Conflict resolution in GIT TORTOISE.



```

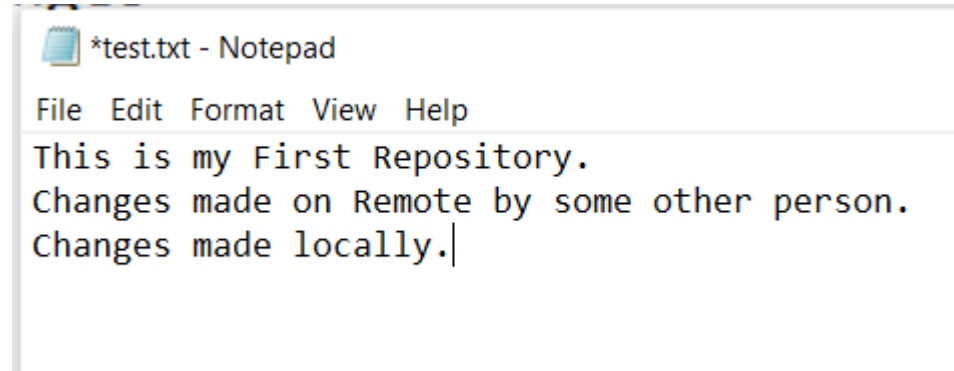
test.txt - Notepad
File Edit Format View Help
<<<<<<< Updated upstream
This is my First Repository.
Changes made on Remote by some other person.
=====
Harshit Kesar
Changes made locally.
>>>>>>> Stashed changes

```

Edit the file, decide if you want to keep  
 Only your branch's changes  
 Only the other branch's changes  
 Or, both

Step 3.1 Now, just Remove the conflict markers <<<<<<<, =====, >>>>>>>.

File will look like this see below...



Step 3.2 Save the file now.

Step 3.3 Mark the file as resolved.

Step 4. git commit Command (As the conflict removed now).

C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.19041.685]
```

(c) 2020 Microsoft Corporation. All rights reserved.

```
D:\Accolite\GitHub\test>git pull
```

```
remote: Enumerating objects: 11, done.
```

```
remote: Counting objects: 100% (11/11), done.
```

## Resolved Conflicts

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
```

#

```
# On branch master
```

```
# Your branch is up to date with 'origin/master'.
```

#

```
# Changes to be committed:
```

```
#      modified:  test.txt
```

#

2

```
[master ebdb139] Resolved Conflicts
```

```
1 file changed, 1 insertion(+)
```

2

```
D:\Accolite\GitHub\test>git commit
```

## On branch master

Your branch is ahead of 'origin/master' by 1 commit.

```
(use "git push" to publish your local commits)unix] (17:25 11/01/2019)
```

```
nothing to commit, working tree clean
```

```
D:\Accolite\GitHub\test>
```

Step 5. git push Command (to save changes on remote).

```
D:\Accolite\GitHub\test>git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 313 bytes | 313.00 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/HarshitKesar-Accolite/test.git
   82b7582..ebdb139  master -> master

D:\Accolite\GitHub\test>
```