Branch_Assign - Visual Studio Code

File   Edit   Selection   View   Go   Run   Terminal   Help

SOURCE CONTROL

Message (Ctrl+Enter to commit on...

✓ Commit

∨ Staged Changes   1
≡ f1.txt   D
> Changes   1

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

bash

```
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git init
Initialized empty Git repository in /home/divum/Study/GIT/Branch_Assign/.git/
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "File 1" > file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add .
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git status -s
A  file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "Created the file"
[master (root-commit) 1959d3a] Created the file
 1 file changed, 1 insertion(+)
 create mode 100644 file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch login
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git checkout login
Switched to branch 'login'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "File-1" > file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add .
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "First file commited"
[login dda7478] First file commited
 1 file changed, 1 insertion(+), 1 deletion(-)
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch
* login
  master
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git log
commit dda7478f3a1c5a05d6b12627d97c921418e44661 (HEAD -> login)
Author: Divum <dhanaranjanii@divum.in>
Date:   Thu Aug 25 16:54:01 2022 +0530

    First file commited

commit 1959d3abbe02d66754eaf1bbbea64b39877a0020 (master)
Author: Divum <dhanaranjanii@divum.in>
Date:   Thu Aug 25 16:53:16 2022 +0530

    Created the file
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git switch master
Switched to branch 'master'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git log master..login
commit dda7478f3a1c5a05d6b12627d97c921418e44661 (login)
Author: Divum <dhanaranjanii@divum.in>
Date:   Thu Aug 25 16:54:01 2022 +0530

    First file commited
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git diff master..login
```

master*+   ⊗ 0 ⚠ 0

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∨ Changes   1

```
            First file commited
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git diff master..login
diff --git a/file1.txt b/file1.txt
index 50fcd26..4c77faa 100644
--- a/file1.txt
+++ b/file1.txt
@@ -1 +1 @@
-File 1
+File-1
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git merge login
Updating 1959d3a..dda7478
Fast-forward
 file1.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch --merged
  login
* master
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch --no-merged
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch -d login
Deleted branch login (was dda7478).
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch logout
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git checkout logout
Switched to branch 'logout'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "blue" > file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "File 1 -> Blue"
[logout b9be13b] File 1 -> Blue
 1 file changed, 1 insertion(+), 1 deletion(-)
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch --no-merged
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git switch master
Switched to branch 'master'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch --no-merged
  logout
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "green" > file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "File 1 -> Green"
[master e7823db] File 1 -> Green
 1 file changed, 1 insertion(+), 1 deletion(-)
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git merge logout
Auto-merging file1.txt
CONFLICT (content): Merge conflict in file1.txt
Automatic merge failed; fix conflicts and then commit the result.
```

master*+   ⊗ 0 ⚠ 0

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> Changes   1

```
Automatic merge failed; fix conflicts and then commit the result.
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git merge logout
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "File 1 -> Green"
[master ed69d93] File 1 -> Green
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git merge logout
Already up to date.
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch -d logout
Deleted branch logout (was b9be13b).
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git branch bugfix
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git switch bugfix
Switched to branch 'bugfix'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "orange" > file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add .
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m
error: switch `m' requires a value
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "File 1 -> Orange"
[bugfix b447e07] File 1 -> Orange
 1 file changed, 1 insertion(+), 1 deletion(-)
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git switch master
Switched to branch 'master'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "green" > file2.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add .
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git status -s
A  file2.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git commit -m "File 2 has been modified"
[master 6687048] File 2 has been modified
 1 file changed, 1 insertion(+)
 create mode 100644 file2.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git log --oneline
6687048 (HEAD -> master) File 2 has been modified
ed69d93 File 1 -> Green
e7823db File 1 -> Green
b9be13b File 1 -> Blue
dda7478 First file commited
1959d3a Created the file
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git log --oneline --graph
* 6687048 (HEAD -> master) File 2 has been modified
*   ed69d93 File 1 -> Green
|\
| * b9be13b File 1 -> Blue
```

master*+   ⊗ 0 ⚠ 0

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> Changes   1

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

     bash

```
|/
* dda7478 First file commited
* 1959d3a Created the file
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git rebase master
Current branch master is up to date.
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git rebase bugfix
First, rewinding head to replay your work on top of it...
Applying: File 2 has been modified
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git log --oneline --graph
* c15c1a9 (HEAD -> master) File 2 has been modified
* b447e07 (bugfix) File 1 -> Orange
*   ed69d93 File 1 -> Green
|\
| * b9be13b File 1 -> Blue
* | e7823db File 1 -> Green
|/
* dda7478 First file commited
* 1959d3a Created the file
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ echo "hii" > f1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git add f1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ rm f1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   f1.txt

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    f1.txt

divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git merge bugfix
Already up to date.
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git switch bugfix
Switched to branch 'bugfix'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ gedit file1.txt
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git switch master
Switched to branch 'master'
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$ git merge bugfix
Already up to date.
divum@divum-Latitude-7490:~/Study/GIT/Branch_Assign$
```

master*+   ⊗ 0 △ 0