Sibin@DESKTOP-MRLQ634 MINGW64 ~

$ pwd

/c/Users/Sibin

Sibin@DESKTOP-MRLQ634 MINGW64 ~

$ cd mernstack

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack

$ mkdir merging

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack

$ cd merging

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging

$ git status

fatal: not a git repository (or any of the parent directories): .git

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging

$ git init

Initialized empty Git repository in C:/Users/Sibin/mernstack/merging/.git/

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (master)

$ git status

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (master)

$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

main.cpp

nothing added to commit but untracked files present (use "git add" to track)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (master)

$ git branch

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (master)

$ git checkout -b func1

Switched to a new branch 'func1'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git branch

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git status

On branch func1

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

main.cpp

nothing added to commit but untracked files present (use "git add" to track)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git add main.cpp

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git commit -m "Func1"

[func1 (root-commit) c2657e1] Func1

1 file changed, 3 insertions(+)

create mode 100644 main.cpp

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git status

On branch func1

nothing to commit, working tree clean

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git branch func2

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git checkout func2

Switched to branch 'func2'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git add main.cpp

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git commit -m "Func2"

[func2 29a2eb7] Func2

1 file changed, 3 insertions(+)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git branch func1

fatal: a branch named 'func1' already exists

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git checkout func1

Switched to branch 'func1'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git checkout func2

Switched to branch 'func2'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git status

On branch func2

nothing to commit, working tree clean

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git log

commit 29a2eb72d63ba780b6fe87fca93415dc161dfaca (HEAD -> func2)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:09:27 2023 +0530

Func2

commit c2657e18217b16ffb824f98072e868926a6bfb6e (func1)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:08:06 2023 +0530

Func1

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git checkout -b func3

Switched to a new branch 'func3'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$ git add main.cpp

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$ git commit -m "Func3"

[func3 df9b7e8] Func3

1 file changed, 3 insertions(+)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$ git checkout func1

Switched to branch 'func1'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git log

commit c2657e18217b16ffb824f98072e868926a6bfb6e (HEAD -> func1)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:08:06 2023 +0530

Func1

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git checkout func3

Switched to branch 'func3'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$ git log

commit df9b7e82219c02f0bf4aef2e462770eb5be7b6b1 (HEAD -> func3)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:13:07 2023 +0530

Func3

commit 29a2eb72d63ba780b6fe87fca93415dc161dfaca (func2)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:09:27 2023 +0530

Func2

commit c2657e18217b16ffb824f98072e868926a6bfb6e (func1)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:08:06 2023 +0530

Func1

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$ git checkout func2

Switched to branch 'func2'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git log

commit 29a2eb72d63ba780b6fe87fca93415dc161dfaca (HEAD -> func2)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:09:27 2023 +0530

Func2

commit c2657e18217b16ffb824f98072e868926a6bfb6e (func1)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:08:06 2023 +0530

Func1

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git branch

func1

\* func2

func3

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func2)

$ git checkout func1

Switched to branch 'func1'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git merge func2

Updating c2657e1..29a2eb7

Fast-forward

main.cpp | 3 +++

1 file changed, 3 insertions(+)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git log

commit 29a2eb72d63ba780b6fe87fca93415dc161dfaca (HEAD -> func1, func2)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:09:27 2023 +0530

Func2

commit c2657e18217b16ffb824f98072e868926a6bfb6e

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:08:06 2023 +0530

Func1

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git branch -d func2

Deleted branch func2 (was 29a2eb7).

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git branch

\* func1

func3

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git merge func3

Updating 29a2eb7..df9b7e8

Fast-forward

main.cpp | 3 +++

1 file changed, 3 insertions(+)

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git merge func3

Already up to date.

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func1)

$ git checkout func3

Switched to branch 'func3'

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$ git log

commit df9b7e82219c02f0bf4aef2e462770eb5be7b6b1 (HEAD -> func3, func1)

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:13:07 2023 +0530

Func3

commit 29a2eb72d63ba780b6fe87fca93415dc161dfaca

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:09:27 2023 +0530

Func2

commit c2657e18217b16ffb824f98072e868926a6bfb6e

Author: Sibin987 <sibinenterprises99@gmail.com>

Date: Wed Jan 11 17:08:06 2023 +0530

Func1

Sibin@DESKTOP-MRLQ634 MINGW64 ~/mernstack/merging (func3)

$