

```
dhpcsa@DHPCSA9 MINGW64 /e
$ mkdir acts-demo

dhpcsa@DHPCSA9 MINGW64 /e
$ cd acts-demo

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo
$ git init
Initialized empty Git repository in E:/acts-demo/.git/

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ vi welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ vi welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ ls
welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ vi project-info

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ ls
project-info  welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git status
on branch master

No commits yet
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        project-info
        welcom.php

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

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ vi .gitignore

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        welcom.php

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

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git add -A
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'welcom.php', LF will be replaced by CRLF the next time Git touches it

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git commit -m "welcome.php and .gitignore(project-info) committed "
[master (root-commit) 5382875] welcome.php and .gitignore(project-info) committed
Committer: HPCSA <dhpcsa@students.acts.in>
```

```
MINGW64/e/acts-demo
$ git add -A
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'welcom.php', LF will be replaced by CRLF the next time Git touches it
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git commit -m "welcome.php and .gitignore(project-info) committed"
[master (root-commit) 5382875] welcome.php and .gitignore(project-info) committed
Committer: HPCS@ <dhpcs@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
2 files changed, 2 insertions(+)
create mode 100644 .gitignore
create mode 100644 welcom.php
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git log
commit 5382875d8f658570d9d6205be6981316a07aac96 (HEAD -> master)
Author: HPCS@ <dhpcs@students.acts.in>
Date: Fri Nov 24 09:33:22 2023 +0530
```

```
welcome.php and .gitignore(project-info) committed
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git branch UI
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git branch
  UI
* master
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git checkout UI
Switched to branch 'UI'
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (UI)
$ vi user-reg.html
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (UI)
$ git add -A
warning: in the working copy of 'user-reg.html', LF will be replaced by CRLF the next time Git touches it
```

```
dhpcs@DHPCS9 MINGW64 /e/acts-demo (UI)
$ git commit -m "user-reg.html is committed"
[UI e8f001f] user-reg.html is committed
Committer: HPCS@ <dhpcs@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
MINGW64/e/acts-demo

dhpcs@DHPCS9 MINGW64 /e/acts-demo (UI)
$ git commit -m "user-reg.html is committed"
[UI e8f001f] user-reg.html is committed
Committer: HPCS@ <dhpcs@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 user-reg.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (UI)
$ ls
project-info  user-reg.html  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (UI)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ ls
project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$
```

```
MINGW64/e/acts-demo

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git branch courses

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ vi courses.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ git add -A
warning: in the working copy of 'courses.html', LF will be replaced by CRLF the next time Git touches it

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ git status
On branch courses
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   courses.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ git commit -m "cours.html is committed"
[courses a7b9d34] cours.html is committed
Committer: HPCS@ <dhpcs@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 courses.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ ls
```

```
MINGW64/e/acts-demo
create mode 100644 courses.html

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (master)
$ ls
project-info  welcom.php

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git branch hpcs a

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git branch ditiss

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git branch
  UI
* courses
  ditiss
  hpcs a
  master

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (master)
$ ls
project-info  welcom.php

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ ls
courses.html  project-info  welcom.php

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git checkout hpcs a
Switched to branch 'hpcs a'
```

```
MINGW64/e/acts-demo
$ git checkout hpcs a
Switched to branch 'hpcs a'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (hpcs a)
$ vi hpsca.html

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (hpcs a)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (master)
$ ls
hpsca.html  project-info  welcom.php

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ ls
courses.html  hpsca.html  project-info  welcom.php

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (courses)
$ git checkout hpcs a
Switched to branch 'hpcs a'

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (hpcs a)
$ ls
courses.html  hpsca.html  project-info  welcom.php

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (hpcs a)
$ git add -A
warning: in the working copy of 'hpsca.html', LF will be replaced by CRLF the next time Git touches it

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (hpcs a)
$ git status
On branch hpcs a
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   hpsca.html

dhpcs@DHPCS A9 MINGW64 /e/acts-demo (hpcs a)
$ git checkout master
Switched to branch 'master'
A
  hpsca.html
```

```
MINGW64/e/acts-demo
dhpcs@DHPCS9 MINGW64 /e/acts-demo (hpcs)
$ git checkout master
Switched to branch 'master'
A
  hpsca.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ ls
hpsca.html  project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git checkout hpcs
Switched to branch 'hpcs'
A
  hpsca.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (hpcs)
$ git commit -m "courses under hpcs branch hpcs.html comitted"
[hpcs 7f26ea4] courses under hpcs branch hpcs.html comitted
Committer: HPCS9 <dhpcs@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 hpsca.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (hpcs)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ ls
project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ ls
courses.html  project-info  welcom.php
```

```
MINGW64/e/acts-demo
dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ ls
project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ ls
courses.html  project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ git checkout hpcs
Switched to branch 'hpcs'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (hpcs)
$ ls
courses.html  hpsca.html  project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (hpcs)
$ git checkout ditiss
Switched to branch 'ditiss'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (ditiss)
$ ls
courses.html  project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (ditiss)
$ vi ditiss.html

dhpcs@DHPCS9 MINGW64 /e/acts-demo (ditiss)
$ git checkout courses
Switched to branch 'courses'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ ls
courses.html  ditiss.html  project-info  welcom.php

dhpcs@DHPCS9 MINGW64 /e/acts-demo (courses)
$ git checkout master
Switched to branch 'master'

dhpcs@DHPCS9 MINGW64 /e/acts-demo (master)
$ ls
ditiss.html  project-info  welcom.php
```

```
MINGW64/e/acts-demo
ditiss.html project-info welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git checkout ditiss
Switched to branch 'ditiss'

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (ditiss)
$ git add -A
warning: in the working copy of 'ditiss.html', LF will be replaced by CRLF the next time Git touches it

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (ditiss)
$ git commit -m "courses->ditiss->ditiss.html committed"
[ditiss 311333b] courses->ditiss->ditiss.html committed
Committer: HPCSA <dhpcsa@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 ditiss.html

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (ditiss)
$ git checkout master
Switched to branch 'master'

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ ls
project-info welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (courses)
$ ls
courses.html project-info welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (courses)
$ git checkout ditiss
Switched to branch 'ditiss'
```

```
MINGW64/e/acts-demo
dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git checkout ditiss
Switched to branch 'ditiss'

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (ditiss)
$ git add -A
warning: in the working copy of 'ditiss.html', LF will be replaced by CRLF the next time Git touches it

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (ditiss)
$ git commit -m "courses->ditiss->ditiss.html committed"
[ditiss 311333b] courses->ditiss->ditiss.html committed
Committer: HPCSA <dhpcsa@students.acts.in>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 ditiss.html

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (ditiss)
$ git checkout master
Switched to branch 'master'

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ ls
project-info welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git checkout courses
Switched to branch 'courses'
```

```
MINGW64/e/acts-demo
Date: Fri Nov 24 09:33:22 2023 +0530

welcome.php and .gitignore(project-info) committed

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git merge ditiss
Updating 5382875..311333b
Fast-forward
 courses.html | 1 +
 ditiss.html | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 courses.html
 create mode 100644 ditiss.html

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git merge hpcsa
Merge made by the 'ort' strategy.
 hpcsa.html | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 hpcsa.html

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git merge courses
Already up to date.

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ git merge UI
Merge made by the 'ort' strategy.
 user-reg.html | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 user-reg.html

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$ ls
courses.html ditiss.html hpcsa.html project-info user-reg.html welcom.php

dhpcsa@DHPCSA9 MINGW64 /e/acts-demo (master)
$
```