

```
    // myccs | myccs libv3d, done.
(delta_0) pack-reused_0
```

```
0% (
anim
car
```

Various Branching Commands

To know how many branches present-

```
MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git branch
* cart
  master

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$
```

Switch branches-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git checkout master
Switched to branch 'master'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch
  cart
* master

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

The pointer is now pointing to master.

Create new branch-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch feature1

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch
  cart
  feature1
* master

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$
```

Checkout and create a new branch at the same time-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git checkout -b naveen
Switched to a new branch 'naveen'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git branch
  cart
  feature1
* master
* naveen

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ |
```

Pointing to Naveen branch which got created from master branch.

Switch-

Same as checkout.

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git switch mast
fatal: invalid reference: mast

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git switch master
Switched to branch 'master'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch
  cart
  feature1
* master
  naveen

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

Delete branch-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch -D naveen
Deleted branch naveen (was a4d3eb0).

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch
  cart
  feature1
* master

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ |
```

To see the changes which are there in our local branch but not in local master-

List the commits which are there in local branch but not in local master.

```
MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git checkout cart
Switched to branch 'cart'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git log master..cart
commit d6ac245620609cb01827b7502efbda14aaabd364 (HEAD -> cart, origin/cart)
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Jul 28 12:49:05 2023 +0200

    updated cart page

commit 0e334627ef240f88d12d5d172cfb80006394d136
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Jul 28 12:42:11 2023 +0200

    added cart test cases

commit 373192358fcfed245e21b39bc59b9c1fa0e39c886
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Jul 28 12:32:57 2023 +0200

    cart page added

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ |
```

```
MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git checkout cart
Switched to branch 'cart'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git log master..cart
commit d6ac245620609cb01827b7502efbda14aaabd364 (HEAD -> cart, origin/cart)
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Jul 28 12:49:05 2023 +0200

    updated cart page

commit 0e334627ef240f88d12d5d172cfb80006394d136
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Jul 28 12:42:11 2023 +0200

    added cart test cases

commit 373192358fcfed245e21b39bc59b9c1fa0e39c886
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Jul 28 12:32:57 2023 +0200

    cart page added

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$
```

To know the exact difference between local master and local cart-
 It will show line wise difference between local master and local cart.

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git diff master..cart
diff --git a/src/Pages/CartPage.java b/src/Pages/CartPage.java
new file mode 100644
index 0000000..b1cefba
--- /dev/null
+++ b/src/Pages/CartPage.java
@@ -0,0 +1,14 @@
+package Pages;
+
+public class CartPage {
+
+    public static void main(String[] args) {
+        // TODO Auto-generated method stub
+        System.out.println("cart page added newly");
+        System.out.println("cart page added newly added another feature");
+
+    }
+
+}
diff --git a/src/Pages/RegPage.java b/src/Pages/RegPage.java
index 19dc631..387792c 100644
--- a/src/Pages/RegPage.java
+++ b/src/Pages/RegPage.java
@@ -3,5 +3,6 @@
 package Pages;
 public class RegPage {
     int i=10;
+
     String name="registration";
 }
diff --git a/src/Tests/CartPageTest.java b/src/Tests/CartPageTest.java
new file mode 100644
index 0000000..c7bb390
--- /dev/null
+++ b/src/Tests/CartPageTest.java
@@ -0,0 +1,9 @@
+package Tests;
+
+public class CartPageTest {
+
+    public void cartTest() {
+        System.out.println("true");
+    }
+
+}
diff --git a/src/Tests/MyTests.java b/src/Tests/MyTests.java
index c375c99..7feb200 100644
--- a/src/Tests/MyTests.java
```

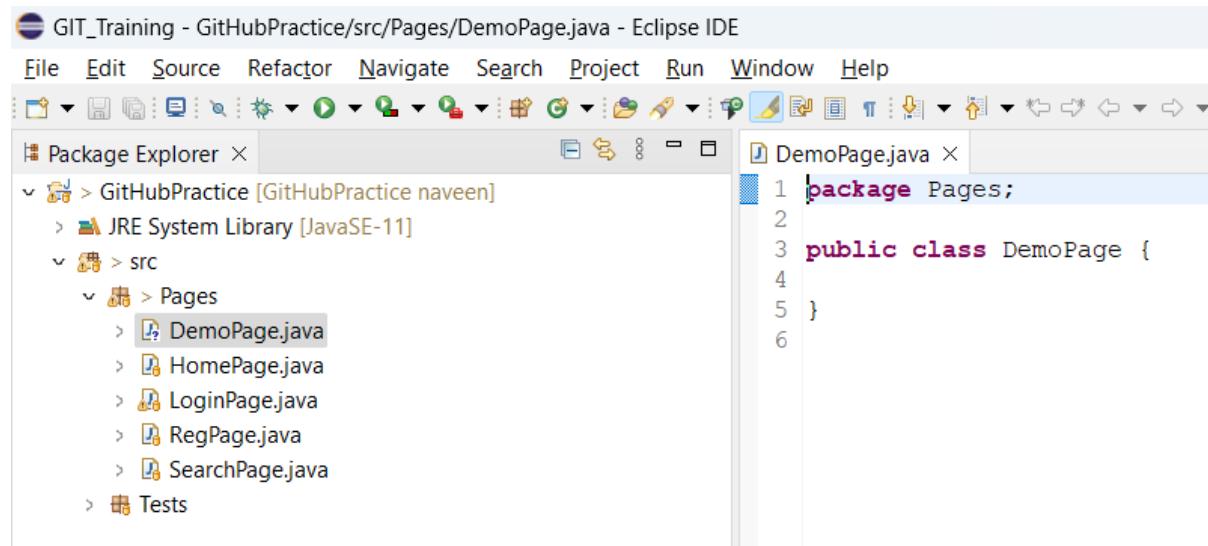
Press page down or down arrow to see more content, to come out of the command press "q".

To know number of branches in remote-

```
MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git branch -r
origin/cart
origin/master
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ |
```

Code added for Naveen branch-

Here we will try to delete the remote branch. We will first create “Naveen” branch, push it to remote and then delete it.



The screenshot shows the Eclipse IDE interface. The title bar reads "GIT_Training - GitHubPractice/src/Pages/DemoPage.java - Eclipse IDE". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar has various icons for file operations. The left side features the "Package Explorer" view, which displays a project structure under "GitHubPractice [GitHubPractice naveen]". The "src" folder contains a "Pages" folder with five files: DemoPage.java, HomePage.java, LoginPage.java, RegPage.java, and SearchPage.java. The right side shows the "DemoPage.java" editor with the following code:

```
1 package Pages;
2
3 public class DemoPage {
4
5 }
```

We want to try deleting remote branch so all this addition we are doing.

```

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (cart)
$ git checkout master
Switched to branch 'master'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git branch naveen

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git checkout naveen
Switched to branch 'naveen'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git status
On branch naveen
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    src/Pages/DemoPage.java

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

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git adddd .
git: 'adddd' is not a git command. See 'git --help'.

The most similar command is
  add

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git add .

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git commit -m "demo page added"
[naveen cfff805] demo page added
 1 file changed, 5 insertions(+)
 create mode 100644 src/Pages/DemoPage.java

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git push origin naveen
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 469 bytes | 469.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'naveen' on GitHub by visiting:
remote:   https://github.com/karanAtreya1986/GitHubCourse/pull/new/naveen
remote:
To https://github.com/karanAtreya1986/GitHubCourse.git
 * [new branch]      naveen -> naveen

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$
```

Three branches in remote:

The screenshot shows a GitHub repository page for 'GitHubCourse'. At the top, there's a yellow notification bar with the message: "naveen had recent pushes 1 minute ago". Below it, a dropdown menu shows the current branch is 'master' (selected), with 3 branches and 0 tags. A 'Switch branches/tags' dropdown is open, showing 'master' (selected) and 'default', along with other branches like 'cart' and 'naveen'. To the right of the dropdown, there's a list of commit messages: 'modified page classes' and 'first commit'. At the bottom of the page, there's a light blue box prompting to 'Help people interested in this repository understand your project by adding a README.'

```

MINGW64:/e/Naveen_GIT_Training/GIT_Training/GitHubPractice
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ git push -d origin naveen
To https://github.com/karanAtreya1986/GitHubCourse.git
 - [deleted]      naveen

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (naveen)
$ |

```

Refresh and Naveen branch is gone:

The screenshot shows a web browser window with the URL <https://github.com/karanAtreya1986/GitHubCourse>. The page displays a GitHub repository named "GitHubCourse". The repository is public and has 2 branches and 0 tags. The "master" branch is selected as the default. A modal dialog titled "Switch branches/tags" is open, showing the "Branches" tab with two branches listed: "master" (selected) and "cart". Below the branches, there is a link to "View all branches". To the right of the modal, there is a list of commit messages: "modified page classes" and "first commit". At the bottom of the page, there is a call-to-action box with the text "Help people interested in this repository understand your project by adding a README."