

how to create git alias

```
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 config --global alias.co checkout

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

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

Original “checkout” command will also work in the above example. Original commands wont be lost because of alias.

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git config --global alias.br branch

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

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

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

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git config --global alias.ci commit

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git ci -m "test alias"
On branch master
nothing to commit, working tree clean

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

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git config --global alias.st status

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git st
On branch master
nothing to commit, working tree clean

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

Code update and check if alias work-

```
ClassicPage.java ×
1 package Pages;
2
3 public class ClassicPage {
4
5     public void classic() {
6
7         int k=100;
8         int k1=200;
9         int div=k1/k;
10        System.out.println(div);
11        System.out.println("hi");
12        System.out.println("bye code from remote");
13        System.out.println("Accepted our friends code");
14        System.out.println("alias check");
```

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git st
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified: src/Pages/ClassicPage.java

no changes added to commit (use "git add" and/or "git commit -a")

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

Complete list of all commits will be seen-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git log -a HEAD
commit cdf2a45133ffed8b005add04f534466090043723 (HEAD -> master, origin/master)
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Aug 11 08:45:19 2023 +0200

    trying some scenarios

commit 76d8c9df0753a0279fd0b2001aa8eaa3235913b4
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Aug 11 08:39:43 2023 +0200

    updated classic page after merge conflict

commit cb0df584a161f541925ef6ce3548263d9662dd94
Merge: 5d0979c fed8ed5
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Aug 11 08:37:28 2023 +0200

    updated classic page java file after merge conflict

commit 5d0979c01c417405a1f885b6f23b4fb4c9b7e2fe
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Aug 11 08:28:00 2023 +0200

    added classic page

commit fed8ed5c40383591b3ce20c364bcd1b0f0e5e2f1
Author: Karan Atreya <140405970+karanAtreya1986@users.noreply.github.com>
Date:   Fri Aug 11 08:26:10 2023 +0200

    Create ClassicPage.java

commit 1ce0f6b51820b8be40343493a063f0e8ef191669
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Tue Aug 8 17:15:10 2023 +0200

    added cart feature page

commit 23fb8aacdd4dc22eba47a50e833d5b319e9fd45b
Merge: 45cad7d 672c0ec
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Tue Aug 8 17:05:04 2023 +0200

    Merge branch 'master' of https://github.com/karanAtreya1986/GitHubCourse

commit 672c0ece68cd56e099800d371c2546f5a89cc8a3
Author: Karan Atreya <140405970+karanAtreya1986@users.noreply.github.com>
Date:   Mon Aug 7 16:59:38 2023 +0200

    Create CartPage.java

commit 45cad7d0cc114c809e61acd57ffde4a045ff6371
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Sun Aug 6 12:51:41 2023 +0200

    git cherry pick third commit
```

Press “q” and you come out of the command.

Press “down arrow” and you can see items if there is more than one page.

Show only the last commit done-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git log -1 HEAD
commit cdf2a45133ffed8b005add04f534466090043723 (HEAD -> master, origin/master)
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Aug 11 08:45:19 2023 +0200

    trying some scenarios

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

How to write within quotes if we want to give alias to multiple words-

```
karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git config --global alias.last 'log -1 HEAD'

karan@LAPTOP-H560VJTV MINGW64 /e/Naveen_GIT_Training/GIT_Training/GitHubPractice (master)
$ git last
commit cdf2a45133ffed8b005add04f534466090043723 (HEAD -> master, origin/master)
Author: karanAtreya1986 <karan1988@gmail.com>
Date:   Fri Aug 11 08:45:19 2023 +0200

    trying some scenarios

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

This alias is applied only on the machine you are working, tomorrow change machine and alias is gone.