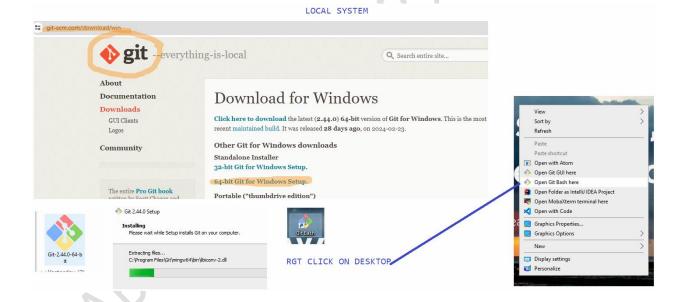
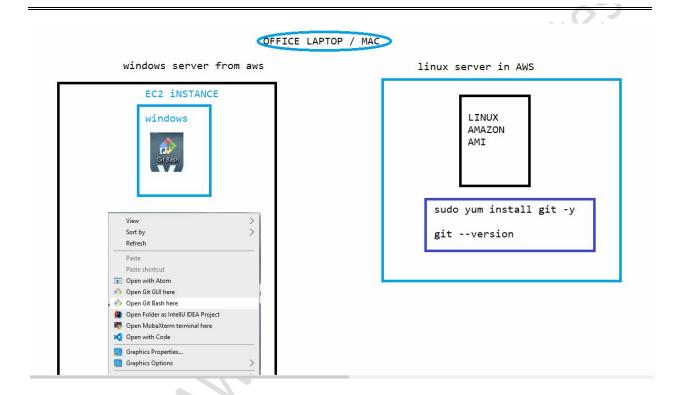
GIT Notes for batch 51





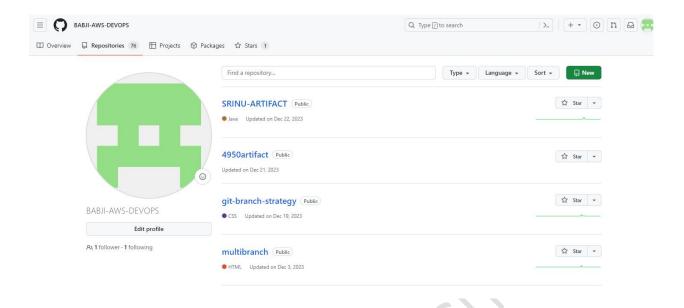






Create git hub signup & sign-in:

NAME & PASSWORD from git hub



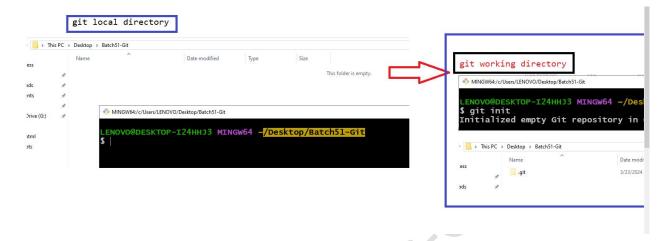
Before perform git commands try to config with your git terminal need to config with hub account

```
LENOVO@DESKTOP-I24HHJ3 MINGW64 ~/Desktop

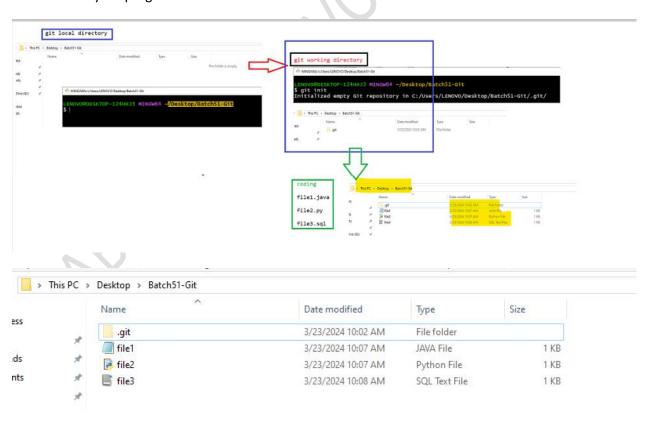
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.email=babji.drru@gmail.com
user.name=BABJI-AWS-DEVOPS
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.required=true
credential.usehttppath=true

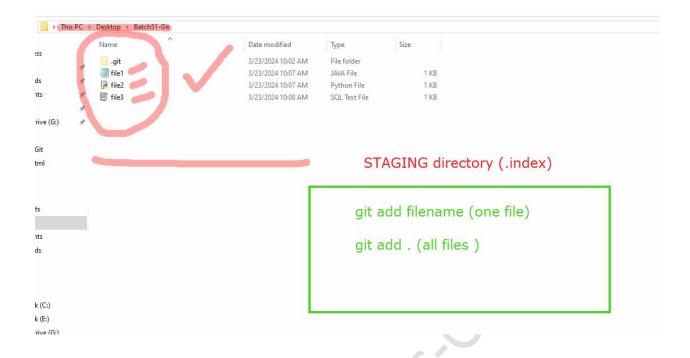
LENOVO@DESKTOP-I24HHJ3 MINGW64 ~/Desktop
```

Local Directory created as working directory.



You can store your program files





```
LENOVO@DESKTOP-I24HHJ3 MINGW64 ~/Desktop/Batch51-Git (master)

$ git add file1.java

LENOVO@DESKTOP-I24HHJ3 MINGW64 ~/Desktop/Batch51-Git (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: file1.java

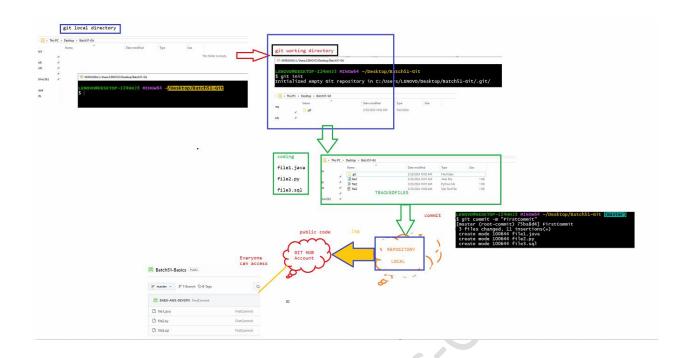
Untracked files:

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

file2.py

file3.sql
```

Tarcked file and untracked file





git commands

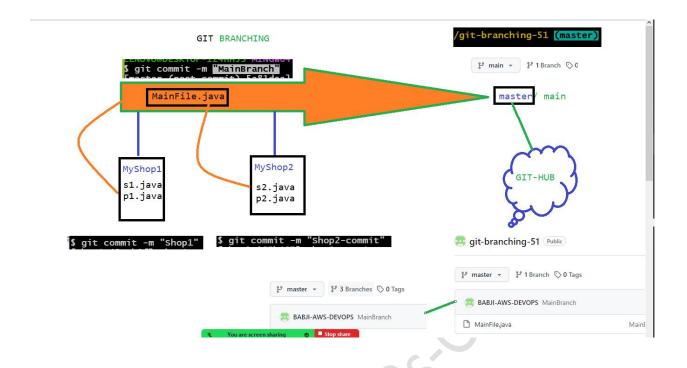
configuration

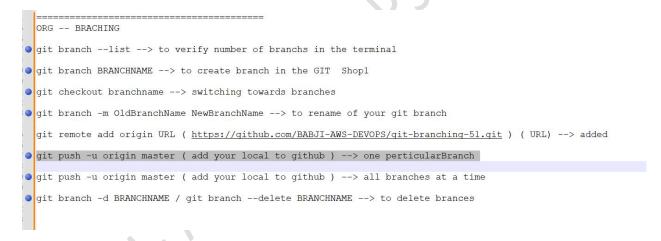
git config --list --> all details you see after configuration

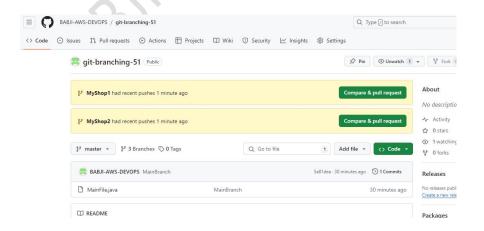
USERNAME & PASSWORD of your git hub account need to add

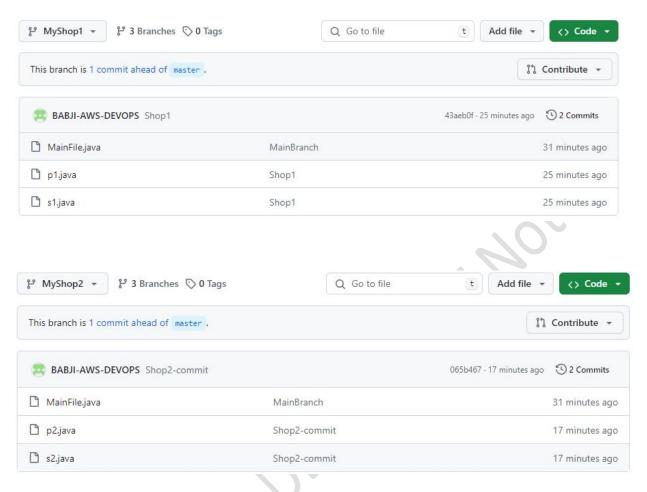
git config --global user.name "USERNAME"

git config --global user.email "EMAIL"

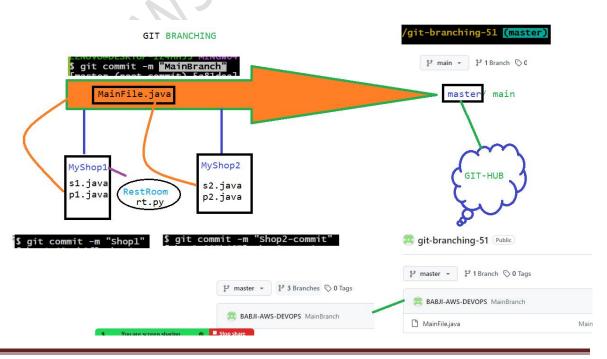






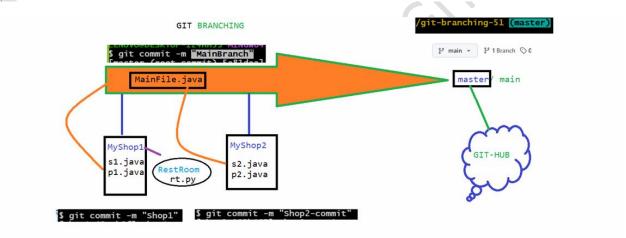


GIT -St

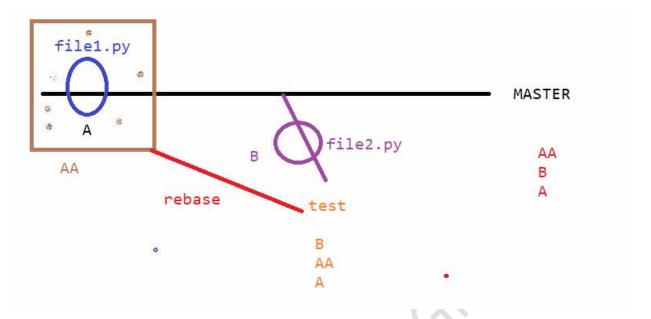


```
1 1. create one repo try to upload files from local machine to git hub account
2
3 2. create one repo try to upload files from local machine to git hub account (private)
4
5 3. create varuious branches in the git bash and try to export to git hub
6
7 4. add new files / branches then import to existing git hub repo.
```

MERGE:



REBASE



```
LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log
commit 032493651564ec6200447e474040169381e47ff (HEAD -> master)

Author: BABIT-AWS-Devovor shabji.drru@gmail.com>
Date: Wed Mar 27 10:52:29 2024 +0530

A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (master)

Sgit log --oneline
0324936 (HEAD -> master) AA

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
0324936 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
0324936 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
0324936 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc75b93 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc75b93 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc75b93 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc75b93 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc75b93 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc75b93 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)

Sgit log --oneline
Sc86862 (HEAD -> test) B
04a0a98 A

LENOVO®DESKTOP-I24HH33 MINGW64 ~/Desktop/git-rebase-51 (test)
```

```
MERGE REBASE IGNORE STACH

55

66 git merge BRANCHNAME -->add all files from subbranch to parent brach (all chanes into existed branch)

67

68 git rebase BRANCHNAME --> commits --> Seq Commits for perticularbranch

69

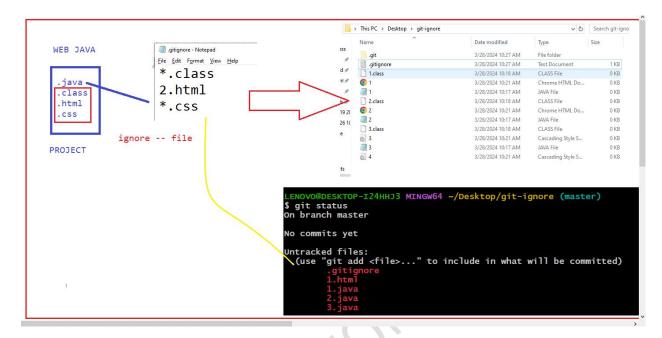
60 git log --oneline --> you check commits in order

61

62

63
```

IGNORE (.gitignore) is file need save all file types before git status



Git STASH

```
stash
-----
git stash -- to hide the data

git stash list --- list stack indexes

git stash apply stash@{index}

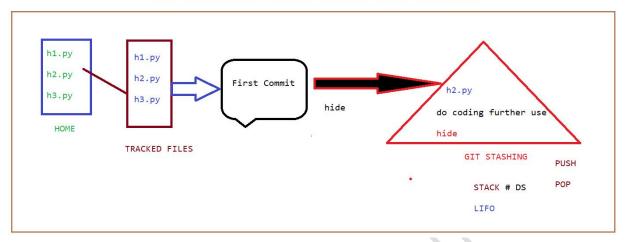
git push -- adding element

git pop -- delete element

git stash show --> we can check how many times made stashing in the respective project
```

GIT STASHING

We can hide the data / code for perticular file in the project



```
LENOVO@DESKTOP_I24HHJ3 MINGW64 ~/Desktop/git-stash-51 (massash@{0}: WIP on master: 5c4bdc1 First-commit

LENOVO@DESKTOP_I24HHJ3 MINGW64 ~/Desktop/git-stash-51 (massash@{0}: WIP on master: 5c4bdc1 First-commit

LENOVO@DESKTOP_I24HHJ3 MINGW64 ~/Desktop/git-stash-51 (massash@{0}: WIP on master: 5c4bdc1 First-commit

LENOVO@DESKTOP_I24HHJ3 MINGW64 ~/Desktop/git-stash-51 (massash@{0}: WIP on master: 5c4bdc1 First-commit

LENOVO@DESKTOP_I24HHJ3 MINGW64 ~/Desktop/git-stash-51 (massash@{0}: WIP on master: 5c4bdc1 First-commit

LENOVO@DESKTOP_I24HHJ3 MINGW64 ~/Desktop/git-stash-51 (massash@{0}: WIP on master: 5c4bdc1 First-commit
```

```
git init
501
     touch h1.py h2.py h3.py
     git add .
502
     git status
503
     git commit -m "First-Commit"
504
505
     cat h1.py
506
     cat h2.py
507
     cat h3.py
     vi h2.py
510
511
     cat h2.py
512
     git stash
513
     git stash list
```

```
514 cat h2.py
515 git stash apply stash@{0}
516 git stash show
517 history
```

List of git commands:

```
314 git branch --list
  315 cd branching
  316
       git branch --list
  317
       rd branching
       rd -r branching
  318
  319
       rmdir branching
  320
       cd ..
  321
       rmdir branching
  322
       clear
  323
       rm -rf branching
  324
       git branch --list
       git checkout shop
  325
  326
       rm -rf file1.java file2.py file3.sql
  327
  328
       git branch s1
       qit --list
  329
       qit --list clear
  330
  331
       clear
  332
       git branch --list
  333
       git checkout s1
  334
       touch f1 f2
  335
       git checkout shop
  336
       git branch s1
  337
       git checkout s1
  338
       ls -la
  339
       clear
       git checkout shop
  340
      git branch s2
  341
       git branch --list
  342
  343
       ait checkout s2
       touch f3 f4
  344
  345
       1s
  346
       git checkoout shop
  347
       clear
       git checkout shop
  348
       Īs -la
  349
```

```
350
     git checkoout s1
351
     git checkout s1
352
     ls -la
     git branch --list
353
354
     git init
355
     git branch --list
356
     git branch shop
357
     touch 1. java
358
     git branch A
359
     git branch a1
360
     git add
     git commit a s1
361
     git commit a -m "shop1"
362
     git commit -m "shop1"
363
     git branch s1
364
365
     ait branch --list
366
     git checkout s1
367
368
     touch 1s.java
369
     git add .
370
     git commit -m "shop2"
371
     ٦s
372
     git checkout master
373
374
     qit branch s2
375
     git branch --list
     git checkout s2
376
377
     1s
378
     touch s3.java
379
     git add .
     git commit -m "shop3"
380
     Ĭs
381
     git checkout master
382
383
     1s
384
     git checkout s2
     git branch toilet
385
386
     git checkout toilet
387
388
     touch t.py
389
     git add
     git commit -m "T"
390
391
392
     ait checkout s2
393
     ٦s
394
     git checkout toilet
395
     git checkout s2
```

```
396
     git merge toilet
397
     git branch --list
398
     git checkout toilet
399
     1s
400
     ait checkout s2
401
402
     git branch -d toilet
403
     git branch --list
     git branch -m s2 myshop
404
     git branch --list
405
     git rebase
406
     git checkout s1
407
408
     git rebase
     git rebase s2
409
     git rebase myshop
410
411
     git branch
412
     git checkout rebase
413
     git checkout myshop
414
     1s
415
     git checkout s1
     git .gitignore
416
417
     touch .gitignore
418
     git status
419
     git add
420
     git commit -m "ignorecommit"
421
     exit
422
     git init
     touch 1.java 1.class .gitignore'
423
424
     touch 1. java 1. class .gitignore
425
426
     git status
427
     git add.
     git commit -m "1"
428
429 git status
     git 1.class
430
431
    git add 1.class
     git commit -m "k"
432
     git add
433
     git commit -m "k"
434
     git init
435
436
     touch MainFile.iava
437
     git add
     git commit -m "MainBranch"
438
     git branch --list
439
440
     git branch MyShop1
     git branch --list
441
```

```
442
     git checkout MyShop1
443
     touch sl.java pl.java
444
     git add .
     git commit -m "MyShop1"
445
446
     clear
447
     git branch --list
448
     git checkout Myshop1
449
     git checkout master
450
     git branch MyShop2
451
     ait branch --list
452
     git checkout MyShop2
453
     clear
     touch s2.java p2.java
454
455
     1s
456
     git add .
     git commit -m "MyShop2"
457
458
     git checkout master
459
460
     cclea
461
     clear
462
     git checkout MyShop1
463
     git branch --list
     git branch RestRoom
464
     git branch --list
465
466
     ait checkout RestRoom
467
     touch rt.py
468
     git add .
     git commit -m "restbranch"
469
470
     clear
471
     git branch --list
472
     1s
473
     git checkout MyShop1
474
     git merge RestRoom
475
    1s
     git branch --list
476
477
    git branch -d RestRoom
     git branch --list
478
479
     clear
480
     git checkout master
481
     git checkout MyShop2
482
     git branch --list
483
     git branch food
     git branch --list
484
485
     git branch food
486
     ait checkout food
     git branch --list
487
```

```
488
     clear
489
     git branch --list
     touch veg.py nveg.py
490
     git add .
491
     git commit -m "eating"
492
493
     git checkout MyShop2
494
495
496
     git merge food
     clear
497
     git branch -d food
498
     git branch --list
499
```