Git and Github

Git clone:


```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.4170]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Rhishika\Documents\DBA\demoprpject>git clone https://github.com/Rhdhok/Javalearning.git
Cloning into 'Javalearning'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

C:\Users\Rhishika\Documents\DBA\demoprpject>
```

Git add .


```
C:\Users\Rhishika\Documents\DBA\demoprpject>Javalearning
'Javalearning' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Rhishika\Documents\DBA\demoprpject>cd Javalearning

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git add .

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>
```

Git commit


```
C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git commit -m "add hello.txt file"
Author identity unknown

*** Please tell me who you are.

Run

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

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Rhishika@DESKTOP-KHJP7QP.(none)')

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning> git config --global user.email "rhishikadhok@gmail.com"

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git config --global user.name "Rhdhok"

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git commit -m "add hello.txt file"
[main b77a91a] add hello.txt file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Hello.txt

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>
```

Git push


```
C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git push
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 280 bytes | 280.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Rhdhok/Javalearning.git
   bec7f79..b77a91a  main -> main
C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>
```

Git status


```
C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git status
On branch main
Your branch is up to date with 'origin/main'.

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:   Hello.txt

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

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>
```

Git checkout

```
C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 313 bytes | 313.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Rhdhok/Javalearning.git
   b77a91a..d8dcb9d  main -> main

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git checkout -b branch1
Switched to a new branch 'branch1'

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>
```

Git branch

```
C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git checkout -b branch1
Switched to a new branch 'branch1'

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>git branch
* branch1
  main

C:\Users\Rhishika\Documents\DBA\demoprpject\Javalearning>
```