

Q1:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1
$ git --version
git version 2.36.0.windows.1
```


Q2:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1
$ git init
Initialized empty Git repository in D:/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1/.git/
```

Q3:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git config user.name 'devops'
```

Q3.1:



```
MINGW64/D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true
[user]
    name = devops
~
~
~
~
~
~
~
.git/config [unix] (10:18 13/05/2022) 1,1 All
".git/config" [unix] 9L, 152B
```

Q4:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Assignment-1-git.pdf

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

Q5:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ touch index.html

Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ ls
Assignment-1-git.pdf  index.html
```

Q6:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git add .

Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Assignment-1-git.pdf
        new file:   index.html
```

Q7 :

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git commit -m 'First release!'
[master (root-commit) 01863d7] First release!
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Assignment-1-git.pdf
 create mode 100644 index.html
```

Q8:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git status --short
```

Q9:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git add index.html

Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development/Term 2/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git commit -m 'Second release!'
[master 14877d7] Second release!
1 file changed, 11 insertions(+)
```

Q10:

```
commit 14877d727812838c5d0fa6c77c09c50b9316cb6c (HEAD -> master)
Author: devops <anes.hekmatshoar@gmail.com>
Date: Fri May 13 10:45:47 2022 +0430

    Second release!

commit 01863d7bb2e882fe6e6cfd747666e39e6196e623
Author: devops <anes.hekmatshoar@gmail.com>
Date: Fri May 13 10:28:07 2022 +0430

    First release!
```

Q11:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (master)
$ git help
usage: git [--version] [--help] [-C <path>] [-c <nam
e>=<value>]
        [--exec-path[=<path>]] [--html-path] [--m
an-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no
-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [
--namespace=<name>]
        [--super-prefix=<path>] [--config-env=<na
me>=<envvar>]
        <command> [<args>]

These are common Git commands used in various situat
ions:
```

Q12:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (master)
$ git branch hello-world-images
```

Q13:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (master)
$ git branch -a
hello-world-images
* master
```

Q14:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (master)
$ git switch hello-world-images
Switched to branch 'hello-world-images'

Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (hello-world-images)
$
```

Q15:

```
Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (hello-world-images)
$ git switch -c hello-you
Switched to a new branch 'hello-you'

Anes@DESKTOP-6T69PV0 MINGW64 /D/Bihe/Web Development
/Term 2/03 - DevOps Engineering/Assignment/Assignmen
t_1 (hello-you)
$
```

Q16:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Developmen
t/Term 2/03 - DevOps Engineering/Assignment/Assignm
ent_1 (master)
$ git merge hello-you
Already up to date.

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Ter
m 2/03 - DevOps Engineering/Assignment/Assignment_1 (mas
ter)
$ |
```

Q17:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (maste
r)
$ git branch -d hello-you
Deleted branch hello-you (was 14877d7).

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (maste
r)
$
```

Q18:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term 2
/03 - DevOps Engineering/Assignment/Assignment_1 (master)
$ git branch -M main

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term 2
/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ git remote add origin https://github.com/AnesHekmat76/Ass
ignments.git

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term 2
/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$
```

Q19:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term 2/03 - DevOps Engineering
/Assignment/Assignment_1 (main)
$ git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 228.29 KiB | 9.51 MiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/AnesHekmat76/Assignments.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term 2/03 - DevOps Engineering
/Assignment/Assignment_1 (main)
$ git pull origin main
From https://github.com/AnesHekmat76/Assignments
 * branch            main             -> FETCH_HEAD
Already up to date.
```


Q20:

```
MINGW64:/d/BIHE/Web Development/Term 2/03 - DevOps Engineering/Assignm...
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
/Assignment/Assignment_1 (main)
$ git branch
a-
hello-world-images
* main

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
/Assignment/Assignment_1 (main)
$ git merge hello-world-images
Already up to date.

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ |
```

Q21:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ git pull origin main
From https://github.com/AnesHekmat76/Assignments
* branch          main          -> FETCH_HEAD
Already up to date.

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$
```

Q22:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ git push -u origin main
Everything up-to-date
branch 'main' set up to track 'origin/main'.

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$
```


Q23:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ git branch -a
hello-world-images
* main
remotes/origin/main

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ |
```

Q24:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ git branch -r
origin/main

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$
```

Q25:

```
Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$ git clone https://abc.com/x/y.git
Cloning into 'y'...
fatal: unable to access 'https://abc.com/x/y.git/': OpenSSL
SSL_connect: Connection was reset in connection to abc.c
om:443

Anes@DESKTOP-6T69PV0 MINGW64 /d/BIHE/Web Development/Term
2/03 - DevOps Engineering/Assignment/Assignment_1 (main)
$
```