GIT Assignment

Section - 0

Q - 1,2,3

```
[sanjays-Air:git sanjayprakash$ mkdir project_dir
[sanjays-Air:git sanjayprakash$ cd project_dir
[sanjays-Air:project_dir sanjayprakash$ git init
```

Q - 3,4

```
sanjays-Air:project_dir sanjayprakash$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.html
```

Q - 5

```
sanjays-Air:project_dir sanjayprakash$ git add index.html
```

Q - 6

```
sanjays-Air:project_dir sanjayprakash$ git commit -m "Initial commit -index"
[master (root-commit) eedf91e] Initial commit +index
 1 file changed, 86 insertions(+)
 create mode 100644 index.html
```

Q - 7, 8, 9

```
*.txt
.gitignore
```

.gitignore

Q - 10

```
sanjays-Air:project_dir sanjayprakash$ git status
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:   index.html
```

Q - 11

```
sanjays-Air:project_dir sanjayprakash$ git add index.html
sanjays-Air:project_dir sanjayprakash$ git commit -m "index edited"
[master 112f928] index edited
 1 file changed, 1 insertion(-), 1 deletion(-)
sanjays Air:project_dir sanjayprakash$
```

Q -12

```
sanjays Air:project_dir sanjayprakashS git log
commit 112f9285boabc75e6d8259d05fd73e64ea95bf6f (HEAD -> master)
Author: sanjay prakash <sanjay-p93>
Date:   Mon Jul 5 16:05:29 2021 +0530

    index edited
```

Q - 13,14

```
[sanjays-Air:project_dir sanjayprakash$ alias my-add="git add"
[sanjays-Air:project_dir sanjayprakash$ my-add index.html
[sanjays-Air:project_dir sanjayprakash$ git status
On branch master
```

Q - 15, 16, 17

```
no changes added to commit (use 'git add" and/or "git commit -a')
[sanjays-Air:project_dir sanjayprakash$ git restore index.html
[sanjays-Air:project_dir sanjayprakash$ git status
```

Q - 18 19

```
[sanjays-Air:project_dir sanjayprakash$ git restore --staged index.html
[sanjays-Air:project_dir sanjayprakash$ git status
```

Q - 20

```
sanjays-Air:project_dir sanjayprakash$ git revert -n c9e464d369ba5ec3f83c85301484d764d1fbbabe
sanjays-Air:project_dir sanjayprakash$ git commit -m "reverting"
[master 9d8869b] reverting
 1 file changed, 1 insertion(+), 2 deletions( )
```

GIT Branching

Section 1

Q - 21, 22, 23 , 24

$ git add README.txt
$ git commit -m "initial commits + readme"

Q - 25

```
 $ git branch html-assignments
```

Q - 26

```
$ git checkout html-assignments
```

Q - 27, 28

```
$ git add .
$ git commit -m "adding html files"
```

Q - 29, 30

```
$ git add .
$ git commit -m "updating html files"
```

Q - 31

```
$ git checkout master
```

Q - 32

```
$ git add README.txt
$ git commit -m "initial commits + readme"
```

Q - 33

```
$ git checkout html-assignments
```

Q - 34,35

```
$ git add .
$ git commit -m "updating html files"
```

Q - 36

```
$ git checkout master
```

Q - 37

```
$ git merge html-assignments
$ git diff master..html-assignments
$ git branch —merged
```

Q - 38

```
$ git branch -d html-assignments
```

Section 2

Q - 1,2,3,4

```
$ git checkout -b css-assignments
```

```
$ git add .
$ git commit -m "adding css files"
```

Q - 5

```
$ git add README.txt
$ git commit -m "Readme edit in CSS"
```

Q- 6, 7, 8

```
$ git checkout master
$ git add README.txt
$ git commit -m "Readme edit in master"
```

Q - 9, 10, 11

```
$ git checkout css-assignments
$ git add .
$ git commit -m "Editted  css files"
```

Q - 12

```
$ git checkout master
```

Q - 13

```
$ git merge css-assignments
$ git status
$ vi README.txt.                    // resolve conflict
$ git add README.txt.
$ git commit -m "merged after conflict resolution'
$ git diff master..html-assignments
$ git branch —merged
```

Q - 38

```
$ git branch -d css-assignments
```

Section 3

Q - 1,2,3,4

```
$ git checkout -b js-assignments
$ git add .
$ git commit -m "adding css files"
```

Q - 5,6

```
$ git add README.txt
$ git commit -m "Readme edit in js-assignments branch"
```

Q- 7, 8

```
$ git checkout master
$ git add README.txt
$ git commit -m "Readme edit in master"
```

Q - 9, 10, 11

```
$ git checkout js-assignments
$ git add .
$ git commit -m "Editted  js files"
```

Q - 12

```
$ git checkout master
```

Q - 13

```
$ git merge js-assignments
$ git status
$ vi README.txt.                    // resolve conflict
$ git add README.txt.
$ git commit -m "merged after conflict resolution'
$ git diff master..js-assignments
$ git branch —merged
```

Q - 38

```
$ git branch -d js-assignments
```

GIT REMOTING

Section-3

Q - 39,40,41

HTTPS SSH GitHub CLI

https://github.com/sanjay-p93/freshers

Use Git or checkout with SVN using the web URL.

Q - 42

```
$ git config —global user.username sanjay-p93
$ git remote add origin "https://github.com/sanjay-p93/freshersbatch-Jun15.git"
$ git push origin master
```