22/06/2021
RLMCA232 - System Design Lab
Aim :To Learn about create branch,merge,delete
branch

```
 delete mode 100644 4.png
 delete mode 100644 5.png
 delete mode 100644 6.png
 delete mode 100644 7.png
 delete mode 100644 8.png
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
HEAD detached from bce687f
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        works/

nothing added to commit but untracked files present (use "git add" to track)
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
HEAD detached from bce687f
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   works/1.odt
        new file:   works/15 Sujith Kumar R Exp 1.pdf

sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
* (HEAD detached from bce687f)
  master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
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sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
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        new file:   works/1.odt
        new file:   works/15 Sujith Kumar R Exp 1.pdf

sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
* (HEAD detached from bce687f)
  master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch feature
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
* (HEAD detached from bce687f)
  feature
  master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```

```
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
* (HEAD detached from bce687f)
  feature
  master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git checkout feature
A       1.png
A       2.png
A       works/1.odt
A       works/15 Sujith Kumar R Exp 1.pdf
Switched to branch 'feature'
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   1.png
        new file:   2.png
        new file:   works/1.odt
        new file:   works/15 Sujith Kumar R Exp 1.pdf

sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
* feature
  master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```

```
        new file:   2.png
        new file:   works/1.odt
        new file:   works/15 Sujith Kumar R Exp 1.pdf

sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
* feature
  master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ vim feature_file
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   1.png
        new file:   2.png
        new file:   4.png
        new file:   works/1.odt
        new file:   works/15 Sujith Kumar R Exp 1.pdf

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

sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```

```
 create mode 100644 1.png
 create mode 100644 2.png
 create mode 100644 4.png
 create mode 100644 works/1.odt
 create mode 100644 works/15 Sujith Kumar R Exp 1.pdf
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git checkout master
error: Your local changes to the following files would be overwritten by checkou
t:
        5.png
Please commit your changes or stash them before you switch branches.
Aborting
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:added new
 files in to feature"
[feature b88b7f0] refactor:added new files in to feature
 2 files changed, 1 insertion(+)
 create mode 100644 5.png
 create mode 100644 feature_file
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git checkout master
Switched to branch 'master'
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
  feature
* master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```

```
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch
  feature
* master
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:added 1 img file"
[master 346785a] refactor:added 1 img file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 9.png
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git merge feature
Removing 8.png
Removing 7.png
Removing 6.png
Removing 3.png
Merge made by the 'recursive' strategy.
 1.png                                | Bin 79774 -> 91259 bytes
 2.png                                | Bin 14807 -> 96742 bytes
 3.png                                | Bin 72920 -> 0 bytes
 4.png                                | Bin 60994 -> 84413 bytes
 5.png                                | Bin 67551 -> 78081 bytes
 6.png                                | Bin 92890 -> 0 bytes
 7.png                                | Bin 79664 -> 0 bytes
 8.png                                | Bin 213025 -> 0 bytes
 feature_file                         |   1 +
 works/1.odt                          | Bin 0 -> 1155604 bytes
 works/15 Sujith Kumar R Exp 1.pdf    | Bin 0 -> 929139 bytes
 11 files changed, 1 insertion(+)
 delete mode 100644 3.png
 delete mode 100644 6.png
 delete mode 100644 7.png
 delete mode 100644 8.png
 create mode 100644 feature_file
 create mode 100644 works/1.odt
 create mode 100644 works/15 Sujith Kumar R Exp 1.pdf
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```

```
 works/15 Sujith Kumar R Exp 1.pdf | Bin 0 -> 929139 bytes
 11 files changed, 1 insertion(+)
 delete mode 100644 3.png
 delete mode 100644 6.png
 delete mode 100644 7.png
 delete mode 100644 8.png
 create mode 100644 feature_file
 create mode 100644 works/1.odt
 create mode 100644 works/15 Sujith Kumar R Exp 1.pdf
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:added 10 png"
[master 173e23a] refactor:added 10 png
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 10.png
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git branch -D feature
Deleted branch feature (was b88b7f0).
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:del branch feature"
On branch master
nothing to commit, working tree clean
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```