RAPID APPLICATION DEVELOPMENT

PRACTICAL
GROUP 06

LAB SHEET 01

GROUP MEMBERS

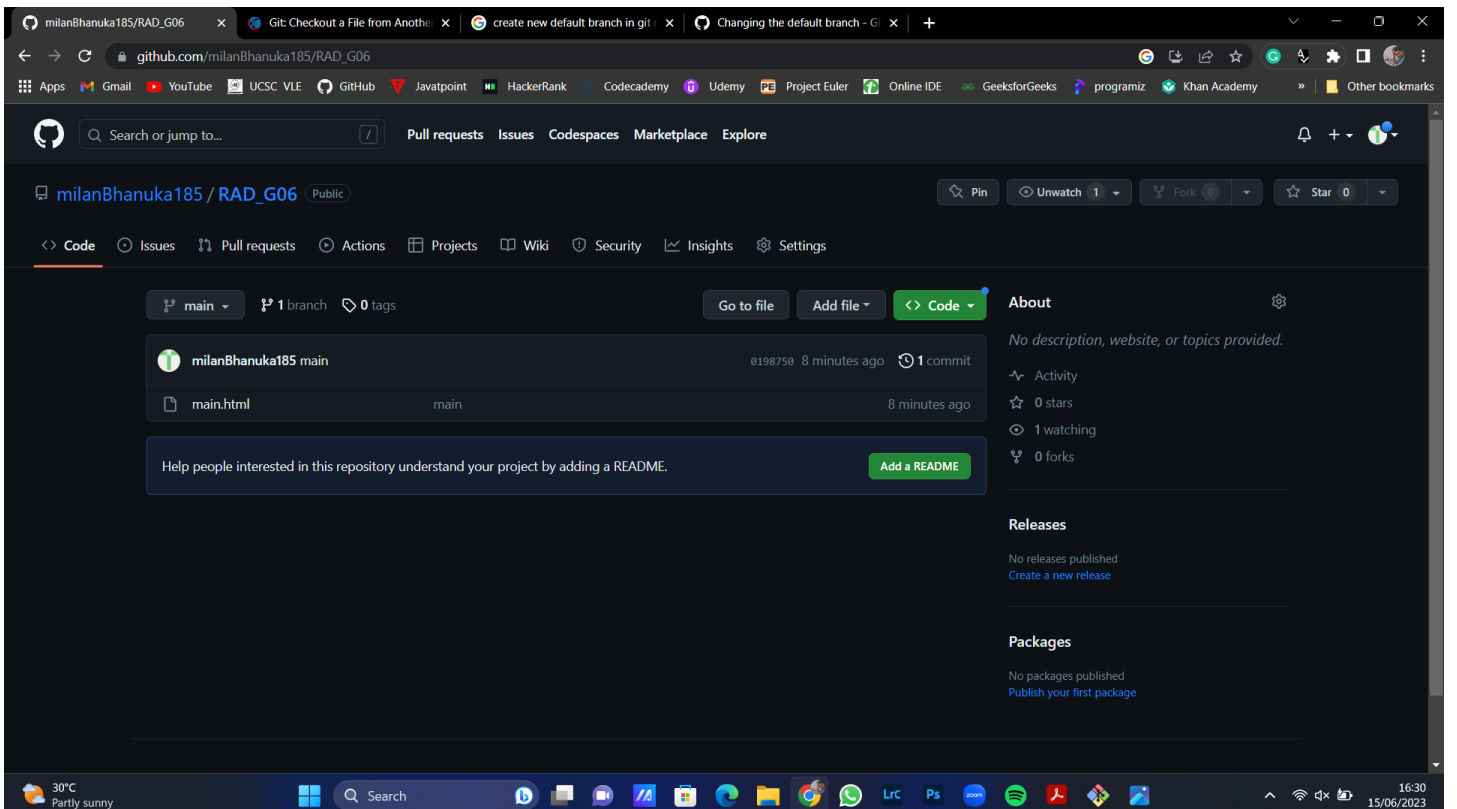| FULL NAME	INDEX NUMBER	EMAIL
VGM BHANUKA	21000239	vgmbhanuka@gmail.com
BND BOMBUWALA	21000247	navodhya123@gmail.com
MGA BUWANEKA	21000255	akilamg2000@gmail.com
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Create a repository.

Create branches & Create an HTML page "About me."

VGM BHANUKA - 21000239

MINGW64:/c/Users/User/Desktop/rad_01/RAD_G06

```
User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01
$ git clone https://github.com/milanBhanuka185/RAD_G06.git
Cloning into 'RAD_G06'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01
$ cd RAD_G06

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git checkout -b afeef
Switched to a new branch 'afeef'

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git branch
* afeef
  main

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ touch 21000263.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ start 21000263.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ cat 21000263.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About me</title>
</head>
<body>
    <p>Name: Afeef Careem
    <br> Index number: 21000263</p>
</body>
</html>
User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git status
On branch afeef
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        21000263.html

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

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git add .

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git commit -m "added 21000263.html"
[afeef 042e3bd] added 21000263.html
 1 file changed, 13 insertions(+)
 create mode 100644 21000263.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git status
On branch afeef
nothing to commit, working tree clean

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git push origin afeef
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 506 bytes | 506.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'afeef' on GitHub by visiting:
remote:      https://github.com/milanBhanuka185/RAD_G06/pull/new/afeef
remote:
To https://github.com/milanBhanuka185/RAD_G06.git
 * [new branch]      afeef -> afeef

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ |
```

```
C:\Windows\System32\cmd.exe                                    —  □  ✕

Microsoft Windows [Version 10.0.22621.1702]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ASUS Vivo\Desktop\RADAssignment1>git clone https://github.com/milanBhanuka185/RAD_G06.git
Cloning into 'RAD_G06'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

C:\Users\ASUS Vivo\Desktop\RADAssignment1>_
```

```
MINGW64:/c/Users/ASUS Vivo/Desktop/RADAssignment1/RAD_G06                      —  □  ✕

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (main)
$ git checkout -b anjana
Switched to a new branch 'anjana'

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git branch
* anjana
  main

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ touch 21000271.html

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ vi 21000271.html

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ cat 21000271.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About Me</title>
</head>
<body>
    <p>Name: Anjana Tharusha<br>
       Index No.: 21000271</p>
</body>
</html>

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git status
On branch anjana
Untracked files:
    (use "git add <file>..." to include in what will be committed)
        21000271.html

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

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git add .
warning: in the working copy of '21000271.html', LF will be replaced by CRLF the next time Git touc
hes it

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git add .

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git commit -m "added 21000271.html"
[anjana 4f6325b] added 21000271.html
 1 file changed, 14 insertions(+)
 create mode 100644 21000271.html

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git status
On branch anjana
nothing to commit, working tree clean

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ git push origin anjana
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% (3/3), done.
Writing objects: 100% (3/3), 505 bytes | 505.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'anjana' on GitHub by visiting:
remote:      https://github.com/milanBhanuka185/RAD_G06/pull/new/anjana
remote:
To https://github.com/milanBhanuka185/RAD_G06.git
 * [new branch]      anjana -> anjana

ASUS Vivo@LAPTOP-7IP8QQGR MINGW64 ~/Desktop/RADAssignment1/RAD_G06 (anjana)
$ |
```

```
[navodhyadarshana@Navodhyas-MacBook-Air ~ % mkdir rad01
[navodhyadarshana@Navodhyas-MacBook-Air ~ % cd rad01
[navodhyadarshana@Navodhyas-MacBook-Air rad01 % git clone https://github.com/milanBhanuka185/RAD_G06.git
Cloning into 'RAD_G06'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 12 (delta 3), reused 9 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), done.
Resolving deltas: 100% (3/3), done.
[navodhyadarshana@Navodhyas-MacBook-Air rad01 % cd RAD_G06
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 %  git checkout -b darshana

Switched to a new branch 'darshana'
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % git branch
* darshana
  main
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % touch 21000247.html
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % cat >21000247.html
<!DOCTYPE html>
<html>
<head>
  <title>My Information</title>
</head>
<body>
  <h1>Name: Darshana Bombuwala</h1>
  <h2>Index: 21000247</h2>
</body>
</html>
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % git status
On branch darshana
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        21000247.html

nothing added to commit but untracked files present (use "git add" to track)
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % git add .
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 %  git commit -m "added 21000247.html"
[darshana 229282b] added 21000247.html
 1 file changed, 10 insertions(+)
 create mode 100644 21000247.html
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % git status
On branch darshana
nothing to commit, working tree clean
```

```
[navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 % git push origin darshana
Username for 'https://github.com': DarshanaBombuwala
[Password for 'https://DarshanaBombuwala@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 414 bytes | 414.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'darshana' on GitHub by visiting:
remote:      https://github.com/milanBhanuka185/RAD_G06/pull/new/darshana
remote:
To https://github.com/milanBhanuka185/RAD_G06.git
 * [new branch]      darshana -> darshana
navodhyadarshana@Navodhyas-MacBook-Air RAD_G06 %
```

```
acer@DESKTOP-RQGFHA0 MINGW64 ~/test1 (master)
$ cd RAD_G06

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (main)
$ git checkout -b akila
Switched to a new branch 'akila'

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ touch 21000255.txt

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ echo "
> <html>
> <head>
> <title>About Me</title>
> </head>
> <body>
> <p>Name : Akila Buwaneka<br>
> Index No. : 21000255</p>
> </body>
> </html>" >> 21000255.txt

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ mv 21000255.txt 21000255.html

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ git add .
warning: in the working copy of '21000255.html', LF will be replaced by CRLF the
 next time Git touches it

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ git commit -m "21000255.html file created"
[akila ae84eb5] 21000255.html file created
 1 file changed, 10 insertions(+)
 create mode 100644 21000255.html

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ git push origin akila
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 392 bytes | 392.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'akila' on GitHub by visiting:
remote:      https://github.com/milanBhanuka185/RAD_G06/pull/new/akila
remote:
To https://github.com/milanBhanuka185/RAD_G06.git
 * [new branch]      akila -> akila

acer@DESKTOP-RQGFHA0 MINGW64 ~/test1/RAD_G06 (akila)
$ |
```

Merge all the branches together.

```
User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git branch
* afeef
  main

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git pull
remote: Enumerating objects: 13, done.
remote: Counting objects: 100% (13/13), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 12 (delta 1), reused 11 (delta 0), pack-reused 0
Unpacking objects: 100% (12/12), 1.56 KiB | 35.00 KiB/s, done.
From https://github.com/milanBhanuka185/RAD_G06
 * [new branch]      akila      -> origin/akila
 * [new branch]      anjana     -> origin/anjana
 * [new branch]      darshana   -> origin/darshana
 * [new branch]      milan      -> origin/milan
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin/<branch> afeef


User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git switch milan
Switched to a new branch 'milan'
branch 'milan' set up to track 'origin/milan'.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (milan)
$ git branch
  afeef
  main
* milan

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (milan)
$ git status
On branch milan
Your branch is up to date with 'origin/milan'.

nothing to commit, working tree clean

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (milan)
$ git checkout afeef
Switched to branch 'afeef'
```

```
User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git switch milan
Switched to branch 'milan'
Your branch is up to date with 'origin/milan'.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (milan)
$ git ls-tree --name-only HEAD
21000239.html
main.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (milan)
$ git switch anjana
Switched to a new branch 'anjana'
branch 'anjana' set up to track 'origin/anjana'.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (anjana)
$ git ls-tree --name-only HEAD
21000271.html
main.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (anjana)
$ git switch akila
Switched to a new branch 'akila'
branch 'akila' set up to track 'origin/akila'.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (akila)
$ git ls-tree --name-only HEAD
21000255.html
main.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (akila)
$ git switch darshana
Switched to a new branch 'darshana'
branch 'darshana' set up to track 'origin/darshana'.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (darshana)
$ git ls-tree --name-only HEAD
21000247.html
main.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (darshana)
$ git switch afeef
Switched to branch 'afeef'

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git ls-tree --name-only HEAD
21000263.html
main.html
```

```
User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (afeef)
$ git switch main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git merge afeef
Updating 0198750..042e3bd
Fast-forward
 21000263.html | 13 +++++++++++++
 1 file changed, 13 insertions(+)
 create mode 100644 21000263.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git merge akila
Merge made by the 'ort' strategy.
 21000255.html | 10 ++++++++++
 1 file changed, 10 insertions(+)
 create mode 100644 21000255.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git merge anjana
Merge made by the 'ort' strategy.
 21000271.html | 14 ++++++++++++++
 1 file changed, 14 insertions(+)
 create mode 100644 21000271.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git merge milan
Merge made by the 'ort' strategy.
 21000239.html | 12 ++++++++++++
 1 file changed, 12 insertions(+)
 create mode 100644 21000239.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git merge darshana
Merge made by the 'ort' strategy.
 21000247.html | 10 ++++++++++
 1 file changed, 10 insertions(+)
 create mode 100644 21000247.html

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 9 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git push
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 12 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1.03 KiB | 1.03 MiB/s, done.
Total 8 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/milanBhanuka185/RAD_G06.git
   0198750..7f5b87c  main -> main

User@DESKTOP-M9M07LG MINGW64 ~/Desktop/rad_01/RAD_G06 (main)
$ git branch
  afeef
  akila
  anjana
  darshana
* main
  milan
```