1. Cloning the development repository:

```
MINGW64:/c/All Classes/Class - 9/git-github exam

* git clone -b development git@github.com:ferdouseraya/pixel_pros.git cloning into 'pixel_pros'...
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.

**BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam

* |
```

2. Creating new branch:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (development)

$ git branch 
* development

BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (development)

$ git branch abir

BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (development)

$ git branch abir

* development
```

3. Pulling changes in development branch:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (abir)

§ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (development)

§ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 963 bytes | 64.00 KiB/s, done.
From github.com:ferdouseraya/pixel_pros
    7a6dcc7..0116936 development -> origin/development
Updating 7a6dcc7..0116936
Fast-forward
README.md | 10 ++++++++
1 file changed, 9 insertions(+), 1 deletion(-)
```

4. Changing Branch:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros
(development)
$ git checkout abir
Switched to branch 'abir'
```

5. Adding and comitting changes to local repository:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (abir)
$ git add .

BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (abir)
$ git commit -m 'content' -m 'content added' -m 'task#4'
[abir 38ccla8] content
1 file changed, 23 insertions(+), 1 deletion(-)
```

6. Pulling from the development branch:

7. Changing branch:

```
BJIT@DESKTOP-3N9T16I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (development)
$ git checkout abir
Switched to branch 'abir'

BJIT@DESKTOP-3N9T16I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (abir)
$ git merge
```

8. Merging with developent branch:

Conflict created:

```
BJIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros (abir)

$ git merge development
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
```

Conflict Issue:

```
h1>Usage</h1>
         <h4>Search for Restaurants:</h4> Use the search functionality to find dining options
            including menu items and reviews.</li>
<li><h>4i><h>8ead and Write Reviews:<h>9>hare your dining experiences by leaving reviews
            and ratings for restaurants.<br/>

><h4>Save Favourites:</h4>Create an account to save your favourite restaurants and
        | Name | Email | Phone |
 Local Dining Guide
p>Web Based Dining Information Solution<br
Welcome to the Local Dining Guide project! This web-based software solution is designed to provide users with comprehensive dining information, making it easy for them to explore and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking for new culinary experiences or a traveller seeking the best dining spots in town, Local
```

9. Conflict resolved and branch pushed:

```
T@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros
  (abir|MERGING)
$ git add .
 3JIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros
$ git commit -m 'merged' -m 'merge issue solved' -m 'task#4'
[abir c2b40ef] merged
 3JIT@DESKTOP-3N9TI6I MINGW64 /c/All Classes/Class - 9/git-github exam/pixel_pros
  (abir)
$ git push origin abir
$ git push origin abir
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 1.38 KiB | 471.00 KiB/s, done.
Total 9 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
remote: This repository moved. Please use the new location:
remote: git@github.com:FerdouseRaya/Pixel_pros.git
 remote:
remote: Create a pull request for 'abir' on GitHub by visiting:
                      https://github.com/FerdouseRaya/Pixel_pros/pull/new/abir
remote:
 remote:
 To github.com:ferdouseraya/pixel_pros.git
     [new branch]
                                   abir -> abir
```

10. Review added and approved:



