1.) Creating Repo on Github then pushing the changes on the repository

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ✕
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem
$ git init
Initialized empty Git repository in C:/Users/HP/Desktop/employee wage problem/.g
it/

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ echo 'print("Welcome to Employee Wage Computation Program")' > main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git add main.py
warning: LF will be replaced by CRLF in main.py.
The file will have its original line endings in your working directory

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git commit -m "Initial commit: Added welcome message"
[master (root-commit) de613de] Initial commit: Added welcome message
 1 file changed, 1 insertion(+)
 create mode 100644 main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git remote add origin https://github.com/Aayush99Sharma/Employee_Wage_Problem.
git

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 280 bytes | 280.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

2.) Creating UC1 branch and pushing the changes to UC1 branch

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ✕
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC1-EmployeeAttendance
Switched to a new branch 'UC1-EmployeeAttendance'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC1-EmployeeAttendan
ce)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC1-EmployeeAttendan
ce)
$ git add main.py
warning: LF will be replaced by CRLF in main.py.
The file will have its original line endings in your working directory

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC1-EmployeeAttendan
ce)
$ git commit -m "UC1: Added Employee Attendance Check"
[UC1-EmployeeAttendance 6561534] UC1: Added Employee Attendance Check
 1 file changed, 9 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC1-EmployeeAttendan
ce)
$ git push origin UC1-EmployeeAttendance

Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 407 bytes | 407.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'UC1-EmployeeAttendance' on GitHub by visiting
:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
1-EmployeeAttendance
```

3.) Merging UC1 branch with master branch

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ✕

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC1-EmployeeAttendan
ce)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC1-EmployeeAttendance
Updating de613de..6561534
Fast-forward
 main.py | 9 +++++++++
 1 file changed, 9 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   de613de..6561534  master -> master
```

4.) Creating UC2 branch and pushing all the changes to UC2 branch

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ✕
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC2-DailyWage
Switched to a new branch 'UC2-DailyWage'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC2-DailyWage)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC2-DailyWage)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC2-DailyWage)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC2-DailyWage)
$ git commit -m "UC2: Added Daily Employee Wage Calculation"
[UC2-DailyWage 15f37a8] UC2: Added Daily Employee Wage Calculation
 1 file changed, 8 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC2-DailyWage)
$ git push origin UC2-DailyWage
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 395 bytes | 395.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC2-DailyWage' on GitHub by visiting:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
2-DailyWage
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC2-DailyWage -> UC2-DailyWage
```

5.) Merging UC2 branch with master branch


```
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC2-DailyWage)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC2-DailyWage
Updating 6561534..15f37a8
Fast-forward
 main.py | 8 ++++++++
 1 file changed, 8 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   6561534..15f37a8  master -> master
```

6.) Creating UC3 branch and pushing all the changes to UC3 branch


```
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC3-PartTimeWage
Switched to a new branch 'UC3-PartTimeWage'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC3-PartTimeWage)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC3-PartTimeWage)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC3-PartTimeWage)
$ git commit -m "UC3: Added Part-time Employee Wage Calculation"
[UC3-PartTimeWage 48964ae] UC3: Added Part-time Employee Wage Calculation
 1 file changed, 4 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC3-PartTimeWage)
$ git push origin UC3-PartTimeWage

Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 395 bytes | 395.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC3-PartTimeWage' on GitHub by visiting:
remote:        https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
3-PartTimeWage
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC3-PartTimeWage -> UC3-PartTimeWage
```

7.) Merge UC3 Branch with Maste

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ×

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC3-PartTimeWage)
$ git checkout master
git push origin master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC3-PartTimeWage
Updating 15f37a8..48964ae
Fast-forward
 main.py | 4 ++++
 1 file changed, 4 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   15f37a8..48964ae  master -> master
```

8.) Creating UC4 branch and pushing all the changes to UC4 branch

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ×

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC4-SwitchCase
Switched to a new branch 'UC4-SwitchCase'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC4-SwitchCase)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC4-SwitchCase)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC4-SwitchCase)
$ git commit -m "UC4: Added Switch Case for Employee Wage"
[UC4-SwitchCase a3da8ac] UC4: Added Switch Case for Employee Wage
 1 file changed, 12 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC4-SwitchCase)
$ git push origin UC4-SwitchCase

Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 528 bytes | 528.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC4-SwitchCase' on GitHub by visiting:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
4-SwitchCase
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC4-SwitchCase -> UC4-SwitchCase
```

9.) Merge UC4 with Master


```
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC4-SwitchCase)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC4-SwitchCase
Updating 48964ae..a3da8ac
Fast-forward
 main.py | 12 ++++++++++++
 1 file changed, 12 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   48964ae..a3da8ac  master -> master
```

10.) Create UC5 branch


```
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC5-MonthlyWage
Switched to a new branch 'UC5-MonthlyWage'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC5-MonthlyWage)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC5-MonthlyWage)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC5-MonthlyWage)
$ git commit -m "UC5: Added Monthly Employee Wage Calculation"
[UC5-MonthlyWage decb439] UC5: Added Monthly Employee Wage Calculation
 1 file changed, 5 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC5-MonthlyWage)
$ git push origin UC5-MonthlyWage
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 414 bytes | 414.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC5-MonthlyWage' on GitHub by visiting:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
5-MonthlyWage
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC5-MonthlyWage -> UC5-MonthlyWage
```

11.) Merge UC5 with master


```
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC5-MonthlyWage)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC5-MonthlyWage
Updating a3da8ac..decb439
Fast-forward
 main.py | 5 +++++
 1 file changed, 5 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   a3da8ac..decb439  master -> master
```

12.) Create UC6 Branch


```
HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC6-ConditionalWage
Switched to a new branch 'UC6-ConditionalWage'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC6-ConditionalWage)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC6-ConditionalWage)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC6-ConditionalWage)
$ git commit -m "UC6: Calculate Wage till Condition is Reached"
[UC6-ConditionalWage f6f309d] UC6: Calculate Wage till Condition is Reached
 1 file changed, 15 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC6-ConditionalWage)
$ git push origin UC6-ConditionalWage
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 542 bytes | 542.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC6-ConditionalWage' on GitHub by visiting:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
6-ConditionalWage
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC6-ConditionalWage -> UC6-ConditionalWage
```

13.) Merge UC6 with master


```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ×

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC6-ConditionalWage)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC6-ConditionalWage
Updating decb439..f6f309d
Fast-forward
 main.py | 15 +++++++++++++++
 1 file changed, 15 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   decb439..f6f309d  master -> master
```

14.) Create UC7 branch


```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —    □    ×

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC7-ClassMethod
Switched to a new branch 'UC7-ClassMethod'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git commit -m "UC7: Refactored code using Class and Method"
[UC7-ClassMethod b8a4e8e] UC7: Refactored code using Class and Method
 1 file changed, 19 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git push origin UC7-ClassMethod

Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 564 bytes | 564.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC7-ClassMethod' on GitHub by visiting:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
7-ClassMethod
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC7-ClassMethod -> UC7-ClassMethod
```

15.) Create UC7 branch

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —     □     X

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git checkout -b UC7-ClassMethod
Switched to a new branch 'UC7-ClassMethod'

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ nano main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git add main.py

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git commit -m "UC7: Refactored code using Class and Method"
[UC7-ClassMethod b8a4e8e] UC7: Refactored code using Class and Method
 1 file changed, 19 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git push origin UC7-ClassMethod

Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 564 bytes | 564.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'UC7-ClassMethod' on GitHub by visiting:
remote:      https://github.com/Aayush99Sharma/Employee_Wage_Problem/pull/new/UC
7-ClassMethod
remote:
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
 * [new branch]      UC7-ClassMethod -> UC7-ClassMethod
```

16.) Merge UC7 with master branch

```
MINGW64:/c/Users/HP/Desktop/employee wage problem                    —     □     X

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (UC7-ClassMethod)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git merge UC7-ClassMethod
Updating f6f309d..b8a4e8e
Fast-forward
 main.py | 19 ++++++++++++++++++
 1 file changed, 19 insertions(+)

HP@LAPTOP-LIID2FSU MINGW64 ~/Desktop/employee wage problem (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Aayush99Sharma/Employee_Wage_Problem.git
   f6f309d..b8a4e8e  master -> master
```