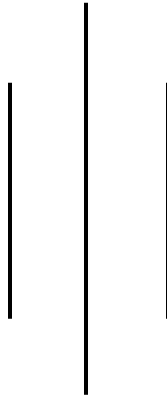


# ***MACHNET***

## **Git and GitHub Assignment**



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**Date:**2021/09/06

**GitHub Link:** <https://github.com/Drt36/MvAgusta>

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## 1. Initialize Git

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\dharm\OneDrive\Desktop\git-task> git init
Initialized empty Git repository in C:/Users/dharm/OneDrive/Desktop/git-task/.git/
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

## 2. Create Repository


### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


---

Owner \*

Repository name \*

 Drt36

 / 


MvAgusta 

Great repository names are short and memorable. Need inspiration? How about [congenial-octo-goggles?](#)


Description (optional)

This is simple practice repository to learn git and its commands.

---

☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

---

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**

Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**

A license tells others what they can and can't do with your code. [Learn more.](#)

---

Create repository

### 3. Add origin to Remote

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git remote add origin https://github.com/Drt36/MvAgusta.git
PS C:\Users\dharm\OneDrive\Desktop\git-task> git add .
PS C:\Users\dharm\OneDrive\Desktop\git-task> git commit -m "created assets and sub folders and index.html"
```

### 4. Git Add

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git remote add origin https://github.com/Drt36/MvAgusta.git
PS C:\Users\dharm\OneDrive\Desktop\git-task> git add .
PS C:\Users\dharm\OneDrive\Desktop\git-task> git commit -m "created assets and sub folders and index.html"
```

### 5. Git Commit

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git commit -m "created assets and sub folders and index.html"
[master (root-commit) f6846a3] created assets and sub folders and index.html
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 assets/css/styles.css
 create mode 100644 index.html
PS C:\Users\dharm\OneDrive\Desktop\git-task>
```

### 6. Git Push

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 366 bytes | 366.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Drt36/MvAgusta/pull/new/master
remote:
To https://github.com/Drt36/MvAgusta.git
 * [new branch]      master -> master
PS C:\Users\dharm\OneDrive\Desktop\git-task>
```

## 7. Git Status

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> 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

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

## 8. Git Reset (Before Reset and After Reset)

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git add .
PS C:\Users\dharm\OneDrive\Desktop\git-task> git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html
        ↗
PS C:\Users\dharm\OneDrive\Desktop\git-task> git reset
Unstaged changes after reset:
M       index.html
PS C:\Users\dharm\OneDrive\Desktop\git-task> 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
        ↗
no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

## 9. Git Commit (After update in file)

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git add index.html
PS C:\Users\dharm\OneDrive\Desktop\git-task> git commit -m "created basic html5 structure in index.html"
[master 42535f3] created basic html5 structure in index.html
1 file changed, 12 insertions(+)
PS C:\Users\dharm\OneDrive\Desktop\git-task> █
```

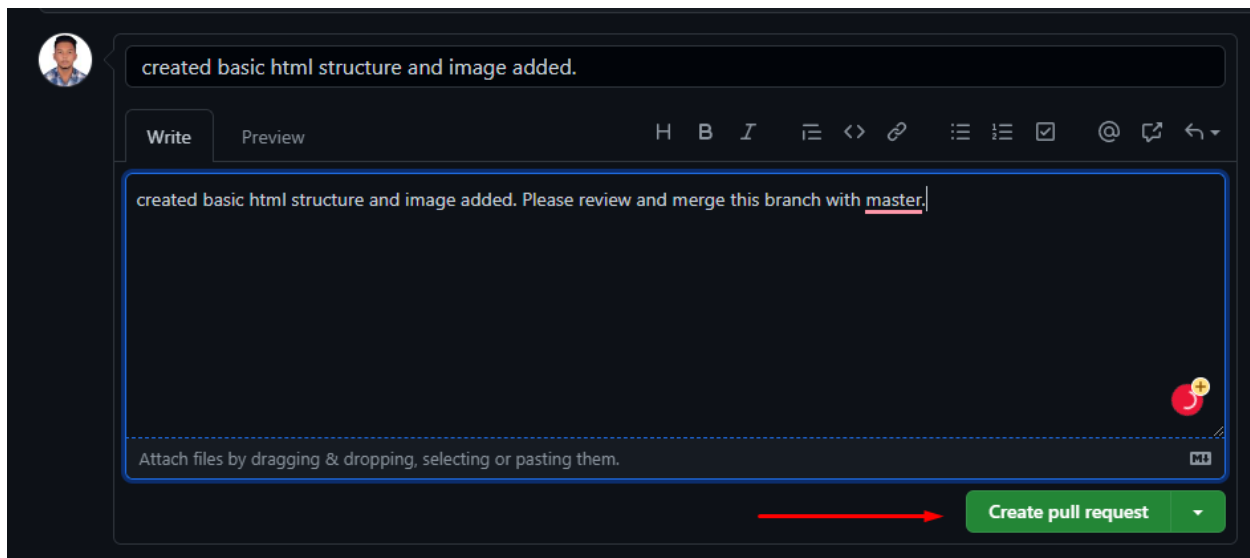
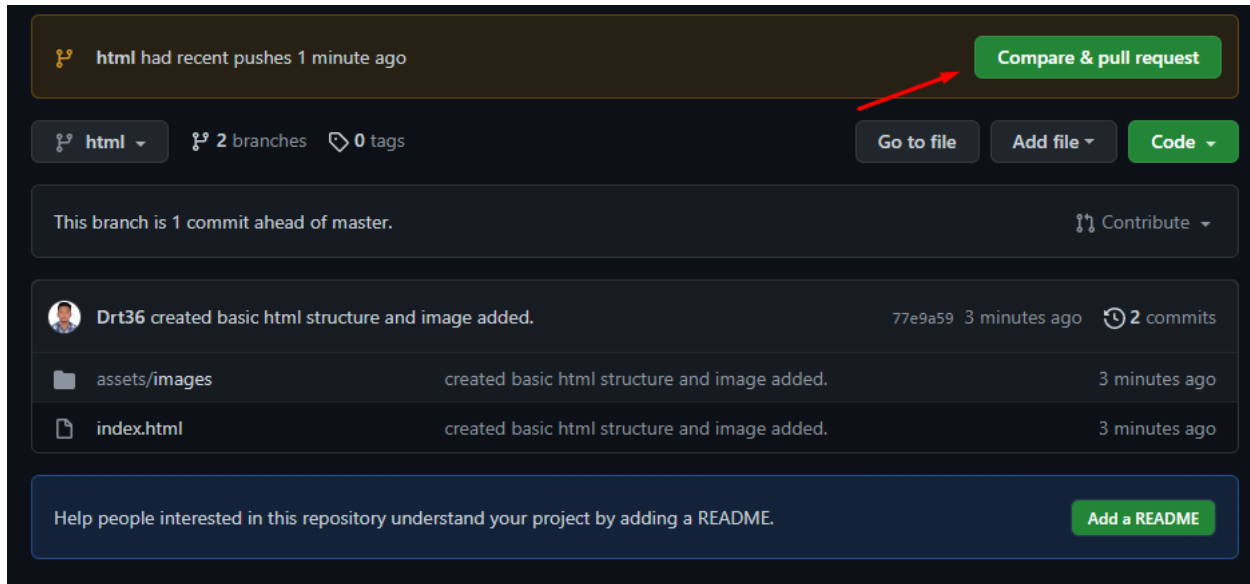
## 10. Push Origin

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 431 bytes | 431.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Drt36/MvAgusta.git
 * [new branch]      master -> master
PS C:\Users\dharm\OneDrive\Desktop\git-task> █
```

## 11. Creating and switching Branch

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git checkout -b html
Switched to a new branch 'html'
PS C:\Users\dharm\OneDrive\Desktop\git-task> git checkout -b style
Switched to a new branch 'style'
PS C:\Users\dharm\OneDrive\Desktop\git-task> git checkout -b js
Switched to a new branch 'js'
PS C:\Users\dharm\OneDrive\Desktop\git-task> git checkout html
Switched to branch 'html'
PS C:\Users\dharm\OneDrive\Desktop\git-task> █
```

## 12. Creating pull Request



### 13. Merge Pull Request

The screenshot displays a GitHub Pull Request interface. At the top, the title is "created basic html structure and image added. #1". Below the title, a green "Open" button is visible, followed by the text "Drt36 wants to merge 1 commit into master from html". A navigation bar shows "Conversation 0", "Commits 1", "Checks 0", and "Files changed 2". A comment from "Drt36" states: "created basic html structure and image added. Please review and merge this branch with master." Below the comment, a commit message "created basic html structure and image added." is shown with a commit hash "77e9a59". A green box with a checkmark icon contains the message: "This branch has no conflicts with the base branch. Merging can be performed automatically." Below this message is a green button labeled "Merge pull request" with a dropdown arrow. A red arrow points to this button. Below the button, it says "You can also open this in GitHub Desktop or view command line instructions." At the bottom, there is a "Write" and "Preview" tab, and a rich text editor with various formatting icons. Below the editor, a modal dialog is open, showing "Merge pull request #1 from Drt36/html" and the commit message "created basic html structure and image added." A red arrow points to a green "Confirm merge" button in the modal, with a grey "Cancel" button next to it.

created basic html structure and image added. #1

[Open](#) Drt36 wants to merge 1 commit into `master` from `html`

Conversation 0 Commits 1 Checks 0 Files changed 2

Drt36 commented now

created basic html structure and image added. Please review and merge this branch with master.

created basic html structure and image added. 77e9a59

Add more commits by pushing to the `html` branch on Drt36/MvAgusta.

This branch has no conflicts with the base branch  
Merging can be performed automatically.

**Merge pull request** You can also open this in GitHub Desktop or view command line instructions.

Write Preview H B I

Merge pull request #1 from Drt36/html

created basic html structure and image added.

**Confirm merge** Cancel



## 14. Pull Origin

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git pull origin master
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 639 bytes | 213.00 KiB/s, done.
From https://github.com/Drt36/MvAgusta
* branch          master      -> FETCH_HEAD
   252a668..2a5b9ff master      -> origin/master
Updating 252a668..2a5b9ff
Fast-forward
 assets/images/bike.png | Bin 0 -> 177644 bytes
 index.html              | 18 ++++++++
 2 files changed, 17 insertions(+), 1 deletion(-)
 create mode 100644 assets/images/bike.png
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

## 15. Git Conflict After pulling changes from Master

```
nav ul {
  list-style: none;
}
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
<<<<<< HEAD (Current Change)
margin-left: 58vw;
=====
margin-left: 56vw;
>>>>>> 320252e0f062ded92a1580592e994f3e0eee838c (Incoming Change)
margin-top: 2.5vh;
}
```

## 16. Git Log

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git log --oneline
4f6d746 (HEAD -> style, origin/master) Merge pull request #5 from Drt36/html
726da21 (origin/html, html) body margin setted 0
d078550 accepted incoming changes
320252e Merge pull request #4 from Drt36/style
12819a2 nav>ul margin-left setted to 58vw
02a2cba (origin/style) nav>ul margin-left:56vw setted
f354a2d Merge pull request #3 from Drt36/js
439f506 (origin/js, js) created test.js file and added simple code.
f539d82 Merge pull request #2 from Drt36/style
3859c57 Formated index.html and creted stylesheet for index.html
2a5b9ff Merge pull request #1 from Drt36/html
77e9a59 created basic html structure and image added.
252a668 (master) Created basic project Structure and index.html.
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

## 17. Git Revert

```
PS C:\Users\dharm\OneDrive\Desktop\git-task> git log --oneline
4f6d746 (HEAD -> style, origin/master) Merge pull request #5 from Drt36/html
726da21 (origin/html, html) body margin setted 0
d078550 accepted incoming changes
320252e Merge pull request #4 from Drt36/style
12819a2 nav>ul margin-left setted to 58vw
02a2cba (origin/style) nav>ul margin-left:56vw setted
f354a2d Merge pull request #3 from Drt36/js
439f506 (origin/js, js) created test.js file and added simple code.
f539d82 Merge pull request #2 from Drt36/style
3859c57 Formated index.html and creted stylesheet for index.html
2a5b9ff Merge pull request #1 from Drt36/html
77e9a59 created basic html structure and image added.
252a668 (master) Created basic project Structure and index.html
PS C:\Users\dharm\OneDrive\Desktop\git-task> git revert 726da21
hint: Waiting for your editor to close the file...
[style 4a9edb7] Revert "body margin setted 0"
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\dharm\OneDrive\Desktop\git-task> 
```

Github Link: <https://github.com/Drt36/MvAgusta>

Thank You