# GIT MINI PROJECT

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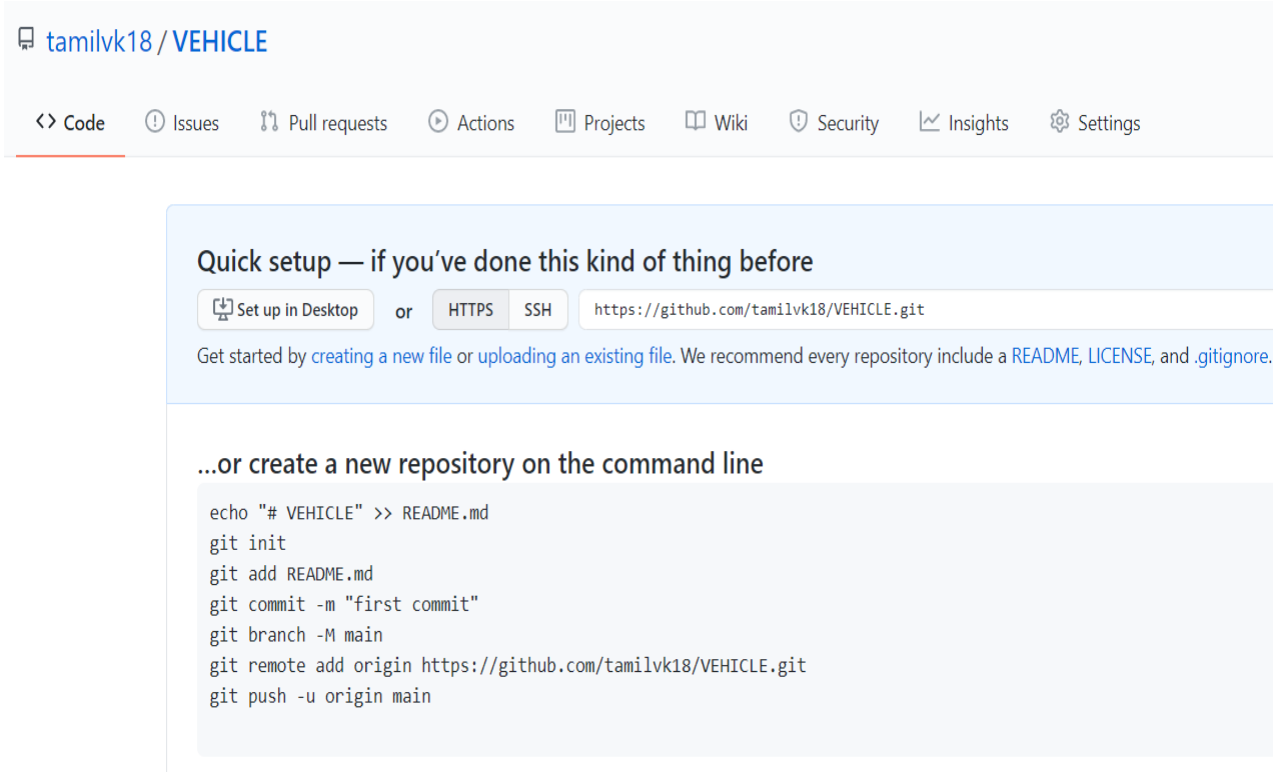
18MER207
MECHANICAL

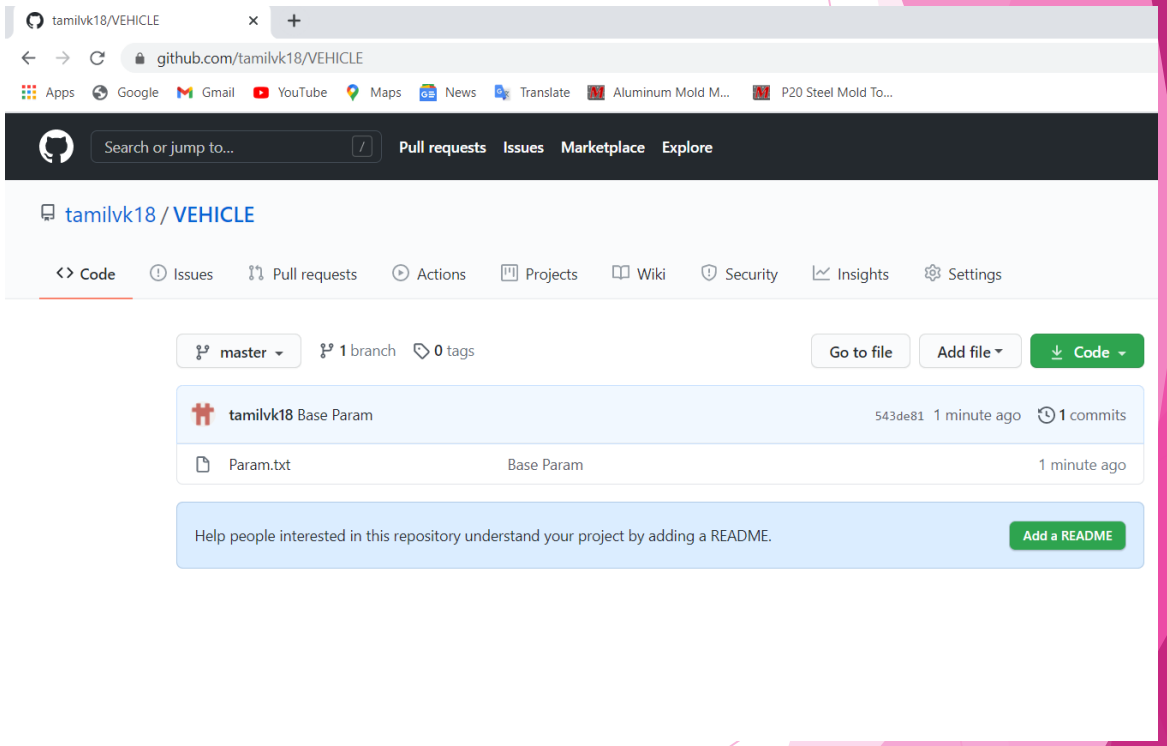
# CREATE A REPOSITORY IN GIT HUB NAMED IT AS VEHICLE  AND ADD PARAM.TXT



# ADD THE FILE IN MASTER BRANCH AND GIVE COMMIT NAMED AS “BASE PARAM”

MINGW64:/d/Miniproject

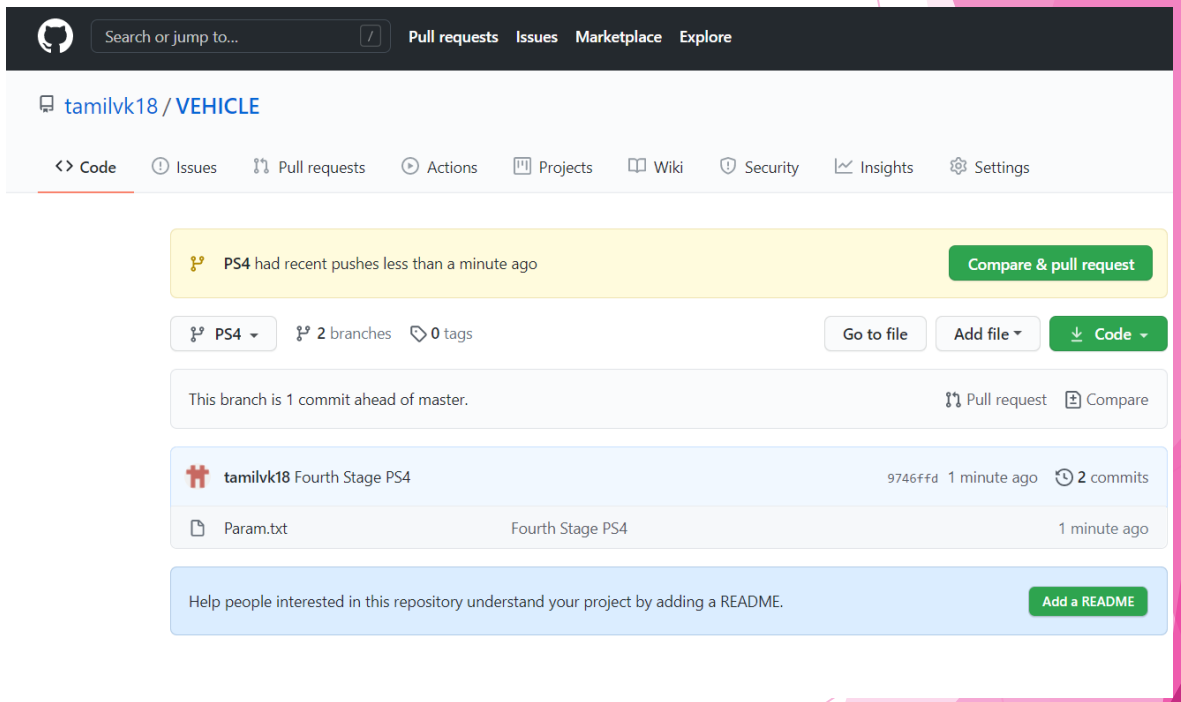
```
TAMIL SELVAN@LovelyTamil MINGW64 ~ (master)
$ cd "D:/Miniproject"

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject
$ ls
Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject
$ git init
Initialized empty Git repository in D:/Miniproject/.git/

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git add Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git remote add origin https://github.com/tamilvk18/VEHICLE.git

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git commit -m "Base Param"
[master (root-commit) 543de81] Base Param
 1 file changed, 5 insertions(+)
 create mode 100644 Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (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), 301 bytes | 150.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/tamilvk18/VEHICLE.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$
```



# CREATE A NEW BRANCH IN THE VEHICLE REPOSITIORY CALLED “PS4” AND ADD THE PARAM.TXT FILE
# GIVE COMMIT AS “FOURTH STAGE PS4”

MINGW64:/d/Miniproject

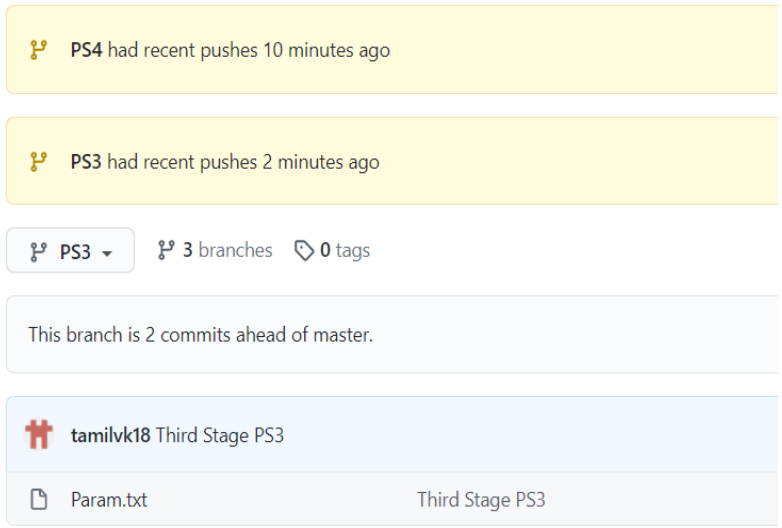
```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git branch PS4

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git checkout PS4
Switched to branch 'PS4'
M       Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS4)
$ git add Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS4)
$ git commit -m "Fourth Stage PS4"
[PS4 9746ffd] Fourth Stage PS4
 1 file changed, 5 insertions(+), 5 deletions(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS4)
$ git push -u origin PS4
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), 388 bytes | 194.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS4' on GitHub by visiting:
remote:      https://github.com/tamilvk18/VEHICLE/pull/new/PS4
remote:
To https://github.com/tamilvk18/VEHICLE.git
 * [new branch]      PS4 -> PS4
Branch 'PS4' set up to track remote branch 'PS4' from 'origin'.

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS4)
$
```



# REAPEAT THE SAME PROCEDURE FOR CREATE THE BRANCH “PS3,PS2,PS1”.
# AND GIVE COMMIT AS THIRD,SECOND,FIRST STAGE PS3,PS2,PS1.

MINGW64:/d/Miniproject

```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS4)
$ git branch PS3

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS4)
$ git checkout PS3
Switched to branch 'PS3'

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS3)
$ git add Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS3)
$ git commit -m "Third Stage PS3"
[PS3 e7cabee] Third Stage PS3
 1 file changed, 3 insertions(+), 5 deletions(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS3)
$ git push -u origin PS3
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), 380 bytes | 190.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS3' on GitHub by visiting:
remote:      https://github.com/tamilvk18/VEHICLE/pull/new/PS3
remote:
To https://github.com/tamilvk18/VEHICLE.git
 * [new branch]      PS3 -> PS3
Branch 'PS3' set up to track remote branch 'PS3' from 'origin'.
```



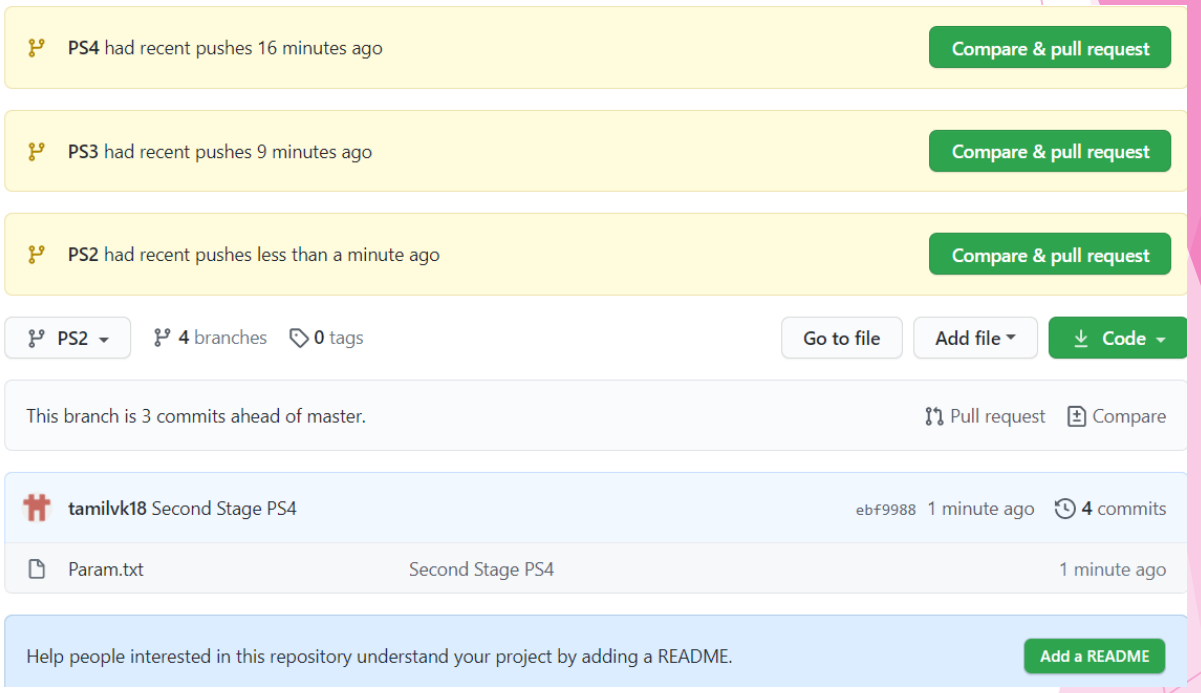

MINGW64:/d/Miniproject

```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS3)
$ git branch PS2

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS3)
$ git checkout PS2
Switched to branch 'PS2'
M       Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS2)
$ git add Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS2)
$ git commit -m "Second Stage PS4"
[PS2 ebf9988] Second Stage PS4
 1 file changed, 5 insertions(+), 3 deletions(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS2)
$ git push -u origin PS2
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), 413 bytes | 206.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS2' on GitHub by visiting:
remote:      https://github.com/tamilvk18/VEHICLE/pull/new/PS2
remote:
To https://github.com/tamilvk18/VEHICLE.git
 * [new branch]      PS2 -> PS2
Branch 'PS2' set up to track remote branch 'PS2' from 'origin'.
```

# EDIT THE PARAM.TXT ACCORDING TO THE BRANCH

MINGW64:/d/Miniproject

```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS2)
$ git branch PS1

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS2)
$ git checkout PS1
Switched to branch 'PS1'

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS1)
$ git add Param.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS1)
$ git commit -m "First Stage PS1"
[PS1 78a5070] First Stage PS1
 1 file changed, 7 insertions(+), 5 deletions(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS1)
$ git push -u origin PS1
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), 408 bytes | 204.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'PS1' on GitHub by visiting:
remote:      https://github.com/tamilvk18/VEHICLE/pull/new/PS1
remote:
To https://github.com/tamilvk18/VEHICLE.git
 * [new branch]      PS1 -> PS1
Branch 'PS1' set up to track remote branch 'PS1' from 'origin'.
```



# MERGE ALL THE BRANCH TO THE MASTER BRANCH

```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (PS1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git merge PS3
Updating 9746ffd..e7cabee
Fast-forward
 Param.txt | 8 +++-----
 1 file changed, 3 insertions(+), 5 deletions(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git merge PS2
Updating e7cabee..ebf9988
Fast-forward
 Param.txt | 8 +++++---
 1 file changed, 5 insertions(+), 3 deletions(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git merge PS1
Updating ebf9988..f849953
Fast-forward
 Param.txt | 21 ++++++++++++++++++++-
 1 file changed, 20 insertions(+), 1 deletion(-)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git push -u origin master
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), 682 bytes | 341.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/tamilvk18/VEHICLE.git
   9746ffd..f849953  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'
```

master ▾ VEHICLE / Param.txt

tamilvk18 First Stage PS1 — Latest commit f849953 12

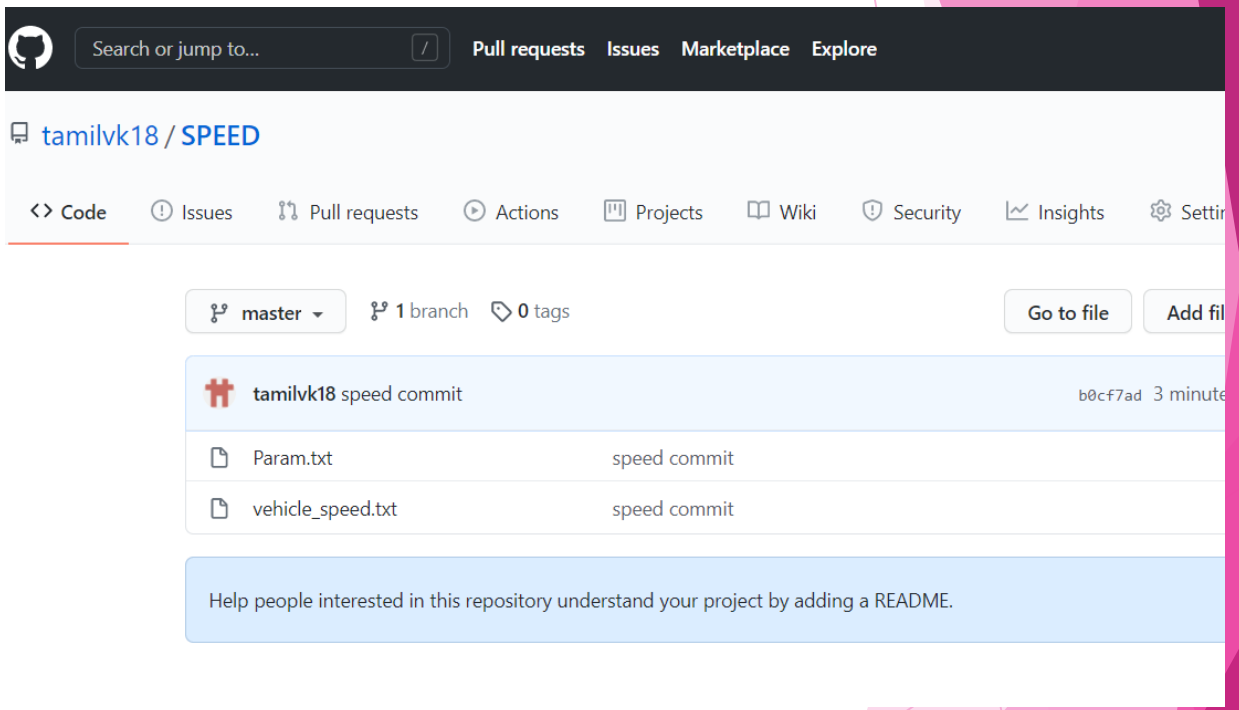
1 contributor

24 lines (24 sloc) | 818 Bytes — Raw

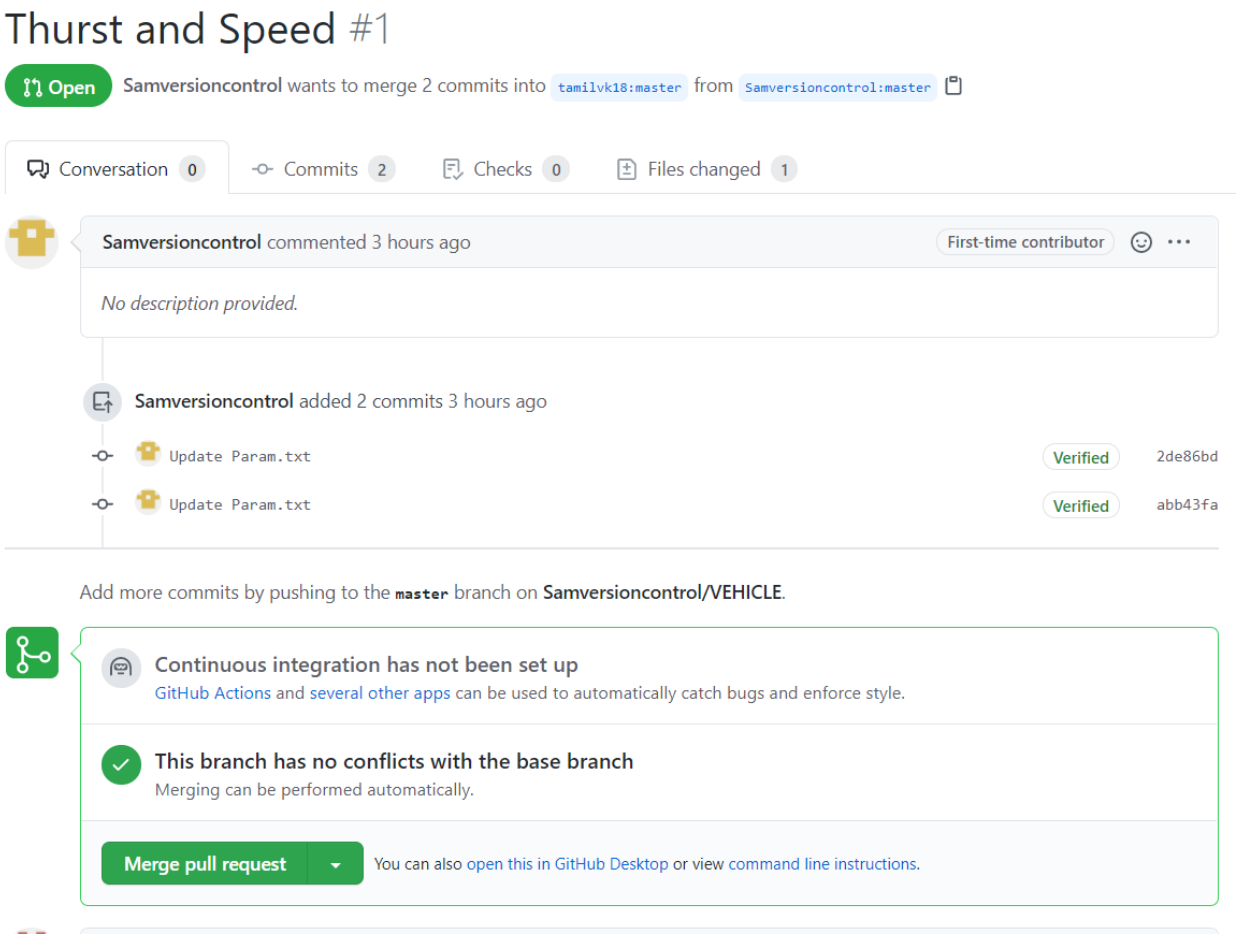
```
Base param
Height          : 44m
Diameter                : 2.8 m
Number of stages        : 4
Lift off mass   : 320 tonnes (XL)
Fourth Stage: PS4
The PS4 is the uppermost stage of PSLV, comprising of two Earth storable liquid engines.
Engine  : 2 x PS-4
Fuel            : MMH + MON
Max. Thrust     : 7.6 x 2 kN
Third Stage: PS3
The third stage of PSLV is a solid rocket motor that provides the upper stages high thrust after the atmospheric phase of the launch.
Fuel            : HTPB
Max. Thrust     : 240 kN
Second Stage: PS2
PSLV uses an Earth storable liquid rocket engine for its second stage, know as the Vikas engine, developed by Liquid Propulsion Systems Centre.
Engine  : Vikas
Fuel            : UDMH + N2O4
Max. Thrust     : 799 kN
First Stage: PS1
PSLV uses the S139 solid rocket motor that is augmented by 6 solid strap-on boosters.
Engine  : S139
Fuel            : HTPB
Max. Thrust     : 4800 kN
```

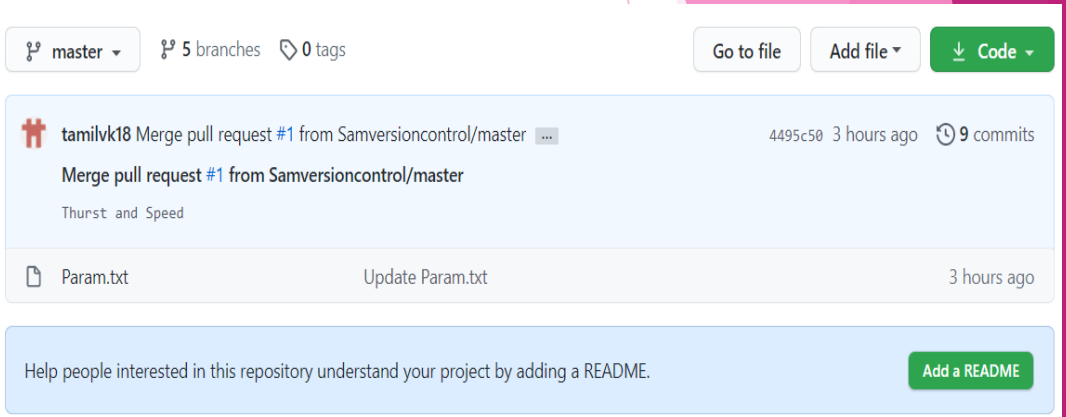
# CREATE A NEW REPOSITIORY AND NAMED AS SPEED.
# ADD THE “FULL PARAM.TXT” FILE AND “VEHICLE_SPEED.TXT”

```
TAMIL SELVAN@LovelyTamil MINGW64 ~ (master)
$ cd "D:/speed"

TAMIL SELVAN@LovelyTamil MINGW64 /d/speed
$ dir
Param.txt  vehicle_speed.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/speed
$ git init
Initialized empty Git repository in D:/speed/.git/

TAMIL SELVAN@LovelyTamil MINGW64 /d/speed (master)
$ git add .

TAMIL SELVAN@LovelyTamil MINGW64 /d/speed (master)
$ git commit -m "speed commit"
[master (root-commit) b0cf7ad] speed commit
 2 files changed, 25 insertions(+)
 create mode 100644 Param.txt
 create mode 100644 vehicle_speed.txt

TAMIL SELVAN@LovelyTamil MINGW64 /d/speed (master)
$ git remote add origin https://github.com/tamilvk18/SPEED.git

TAMIL SELVAN@LovelyTamil MINGW64 /d/speed (master)
$ git push -u origin master
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% (4/4), 716 bytes | 358.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/tamilvk18/SPEED.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```



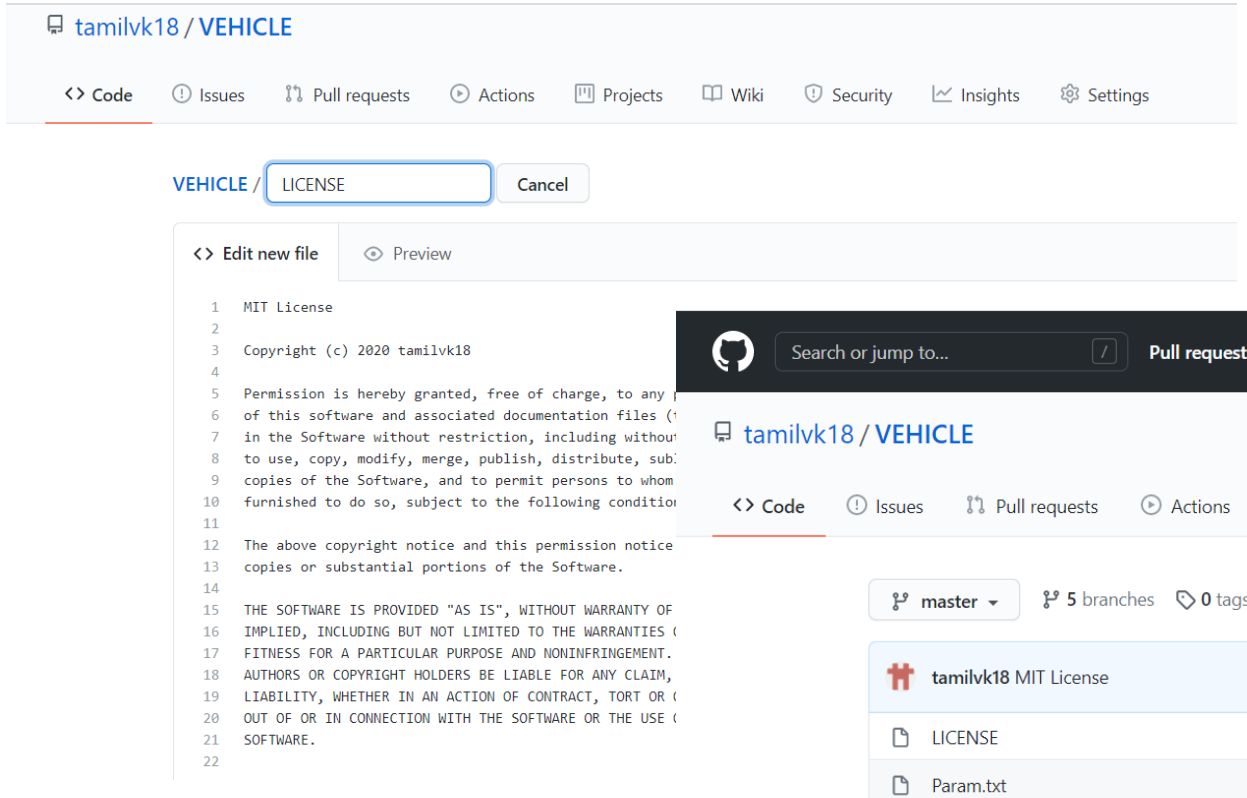
# MAKING THE CHANGES IN THE PARAM.TXT AND CREATED PULL REQUEST FROM SAM AND MERGE IT

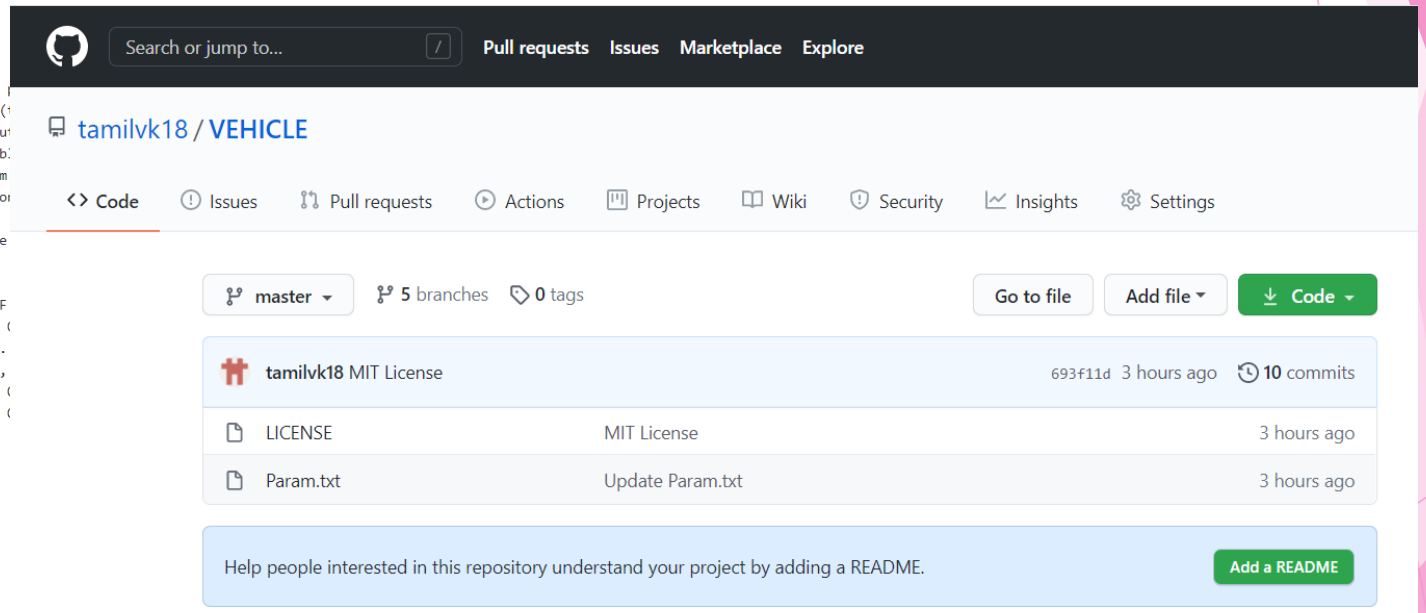


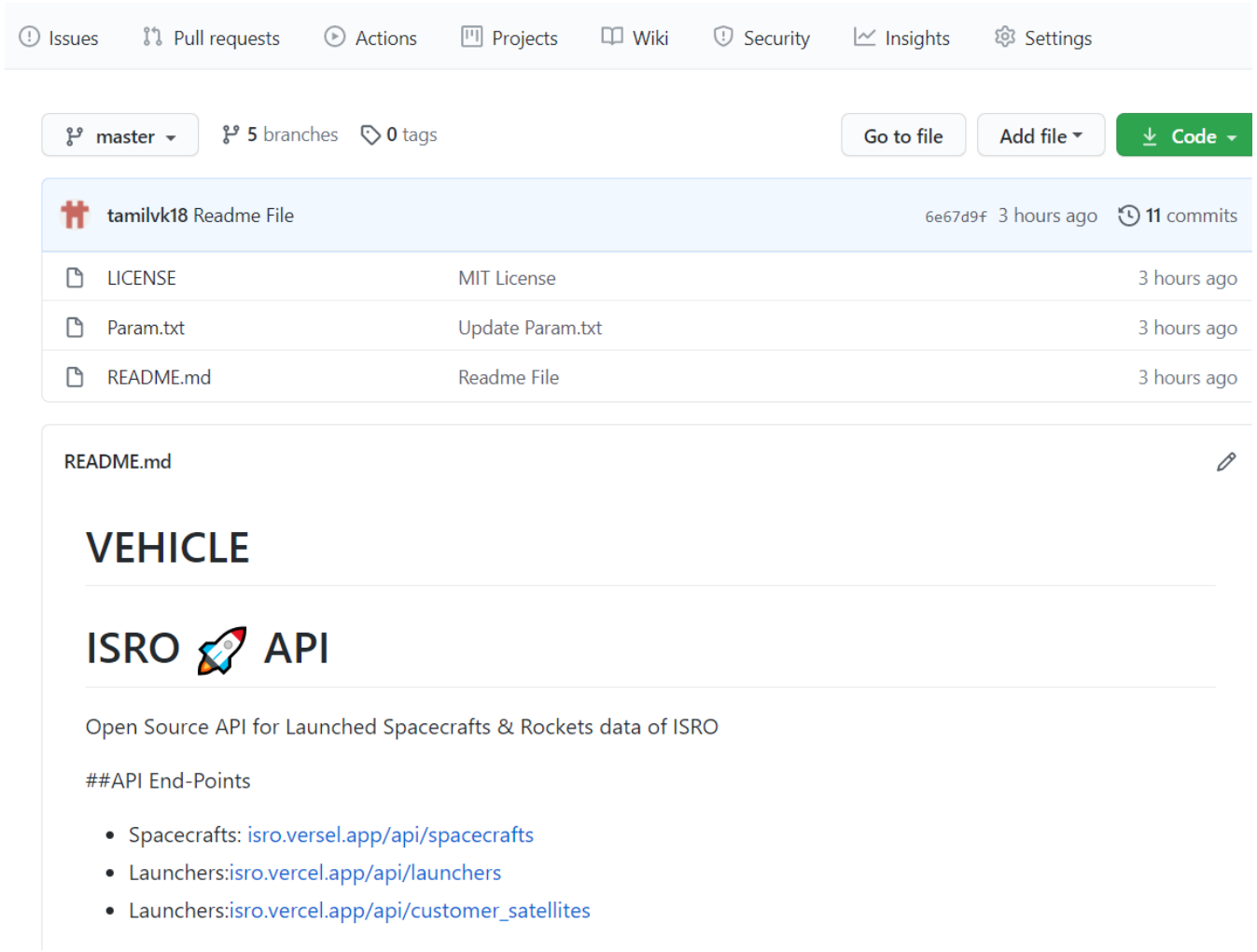

SPEED CHANGES ARE UPDATED

# INCLUDING THE MIT LICENSE

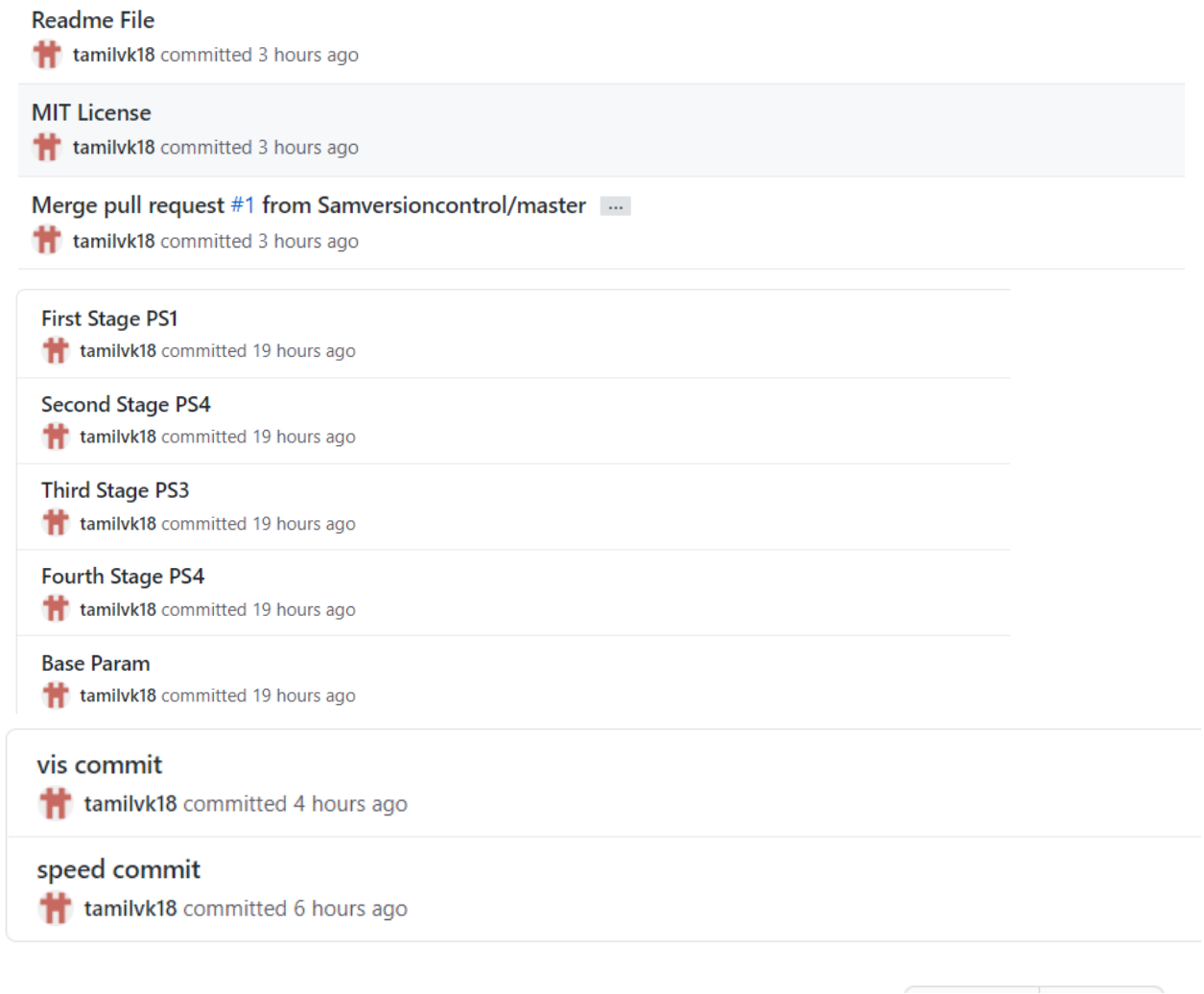


# CREATE THE README FILE WITH THAT CONTENT



# GRAPHICAL VIEW OF COMMITS MADE IN BOTH REPOSITIORY

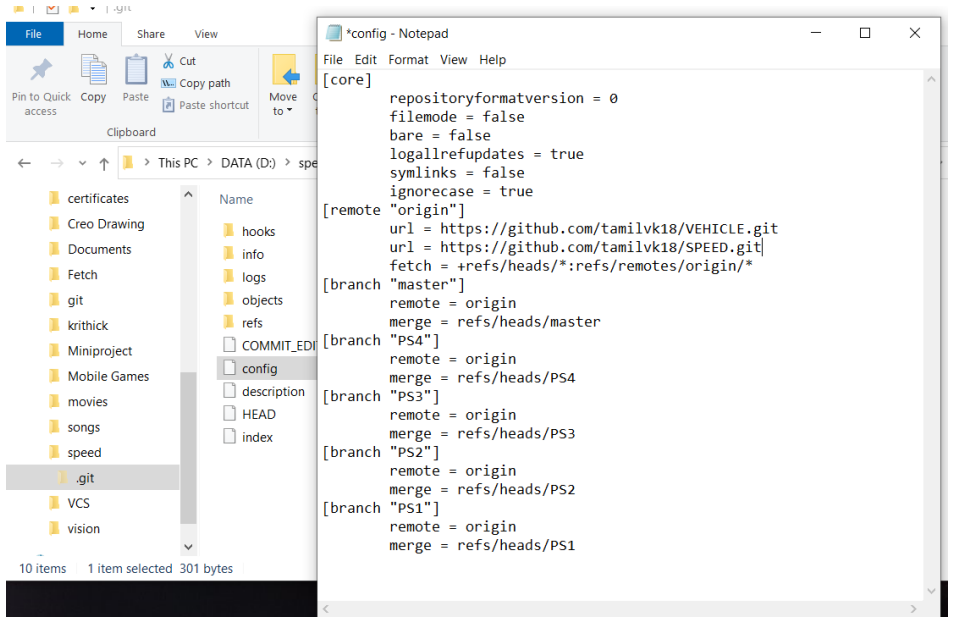


# CREATE A NEW FILE NAMED VISION.TXT AND ADD IT TO THE BOTH REPOSITIORY

vision - Notepad

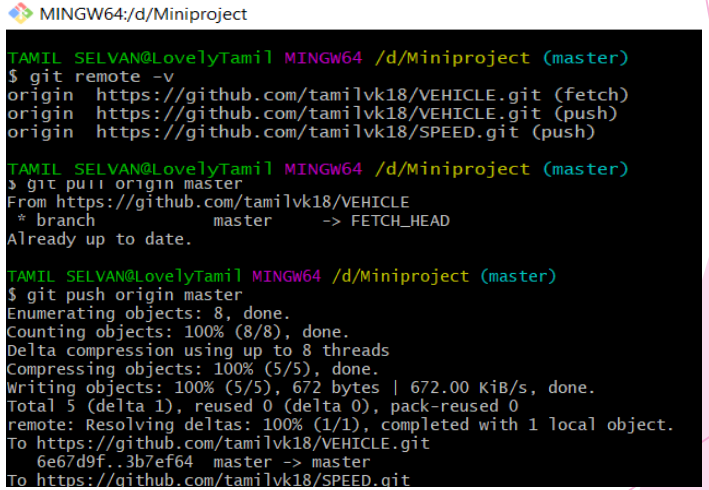
File Edit Format View Help

Our vision is to harness space technology for national development, while pursuing space science research and planetary exploration.

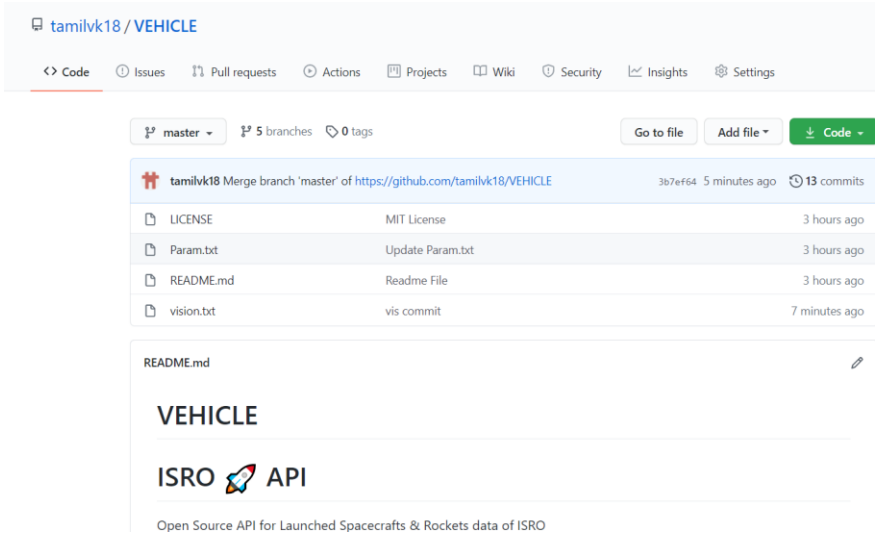


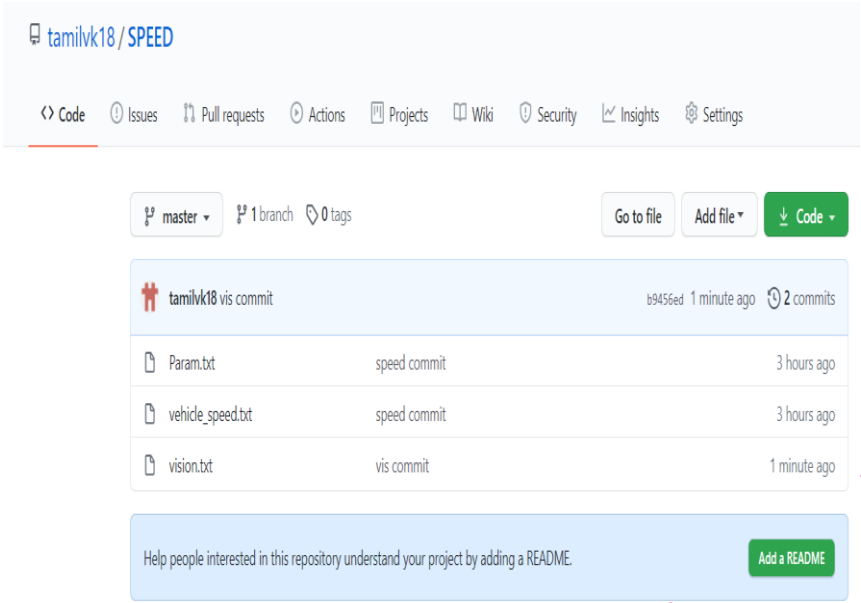






# VISION FILE IS ADDED TO BOTH REPOSITIORY

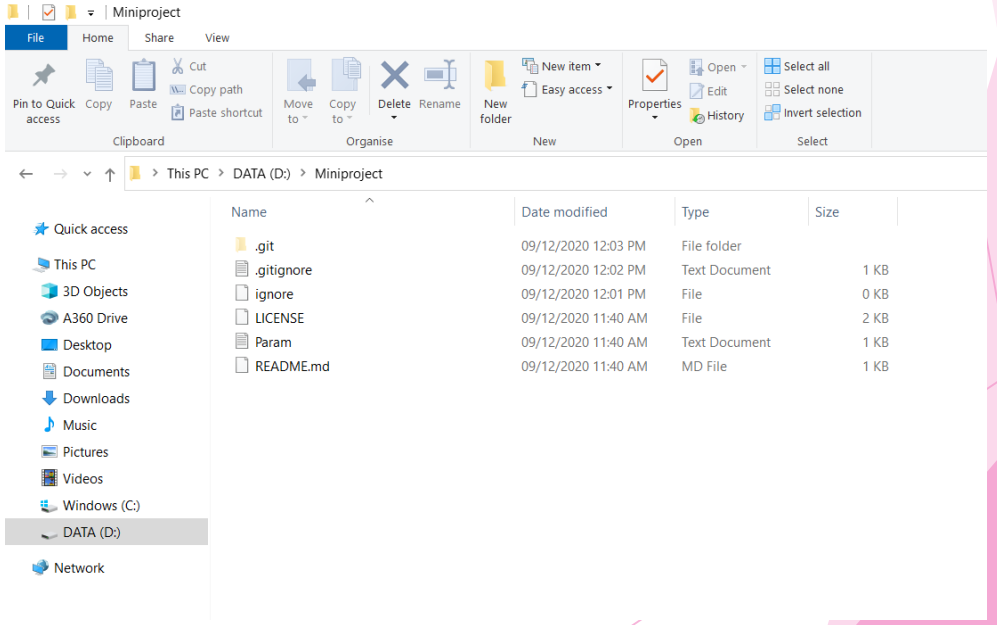


# CREATE A GIT IGNORE FILE

MINGW64:/d/Miniproject

```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ touch .gitignore

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ start .gitignore

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git add .gitignore

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git commit -m "ignorefile"
[master 20f099c] ignorefile
 1 file changed, 1 insertion(+)
 create mode 100644 .gitignore

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git ls-files --ignore --exclude-standard

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$
```



# THANK YOU