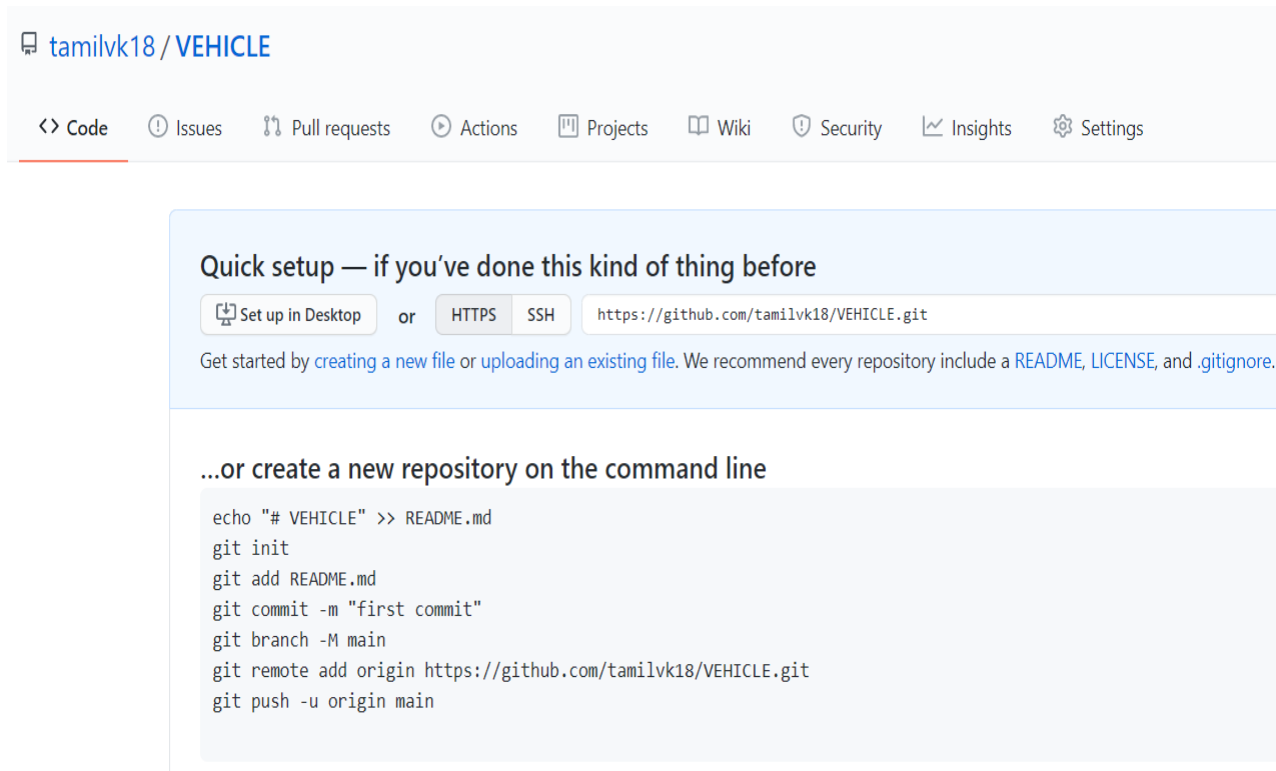


GIT MINI PROJECT

S.TAMILSELVAN
18MER207
MECHANICAL

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




The screenshot shows the GitHub interface for a new repository named 'VEHICLE' by user 'tamilvk18'. The repository is currently empty. The navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A 'Quick setup' section offers options to 'Set up in Desktop', 'HTTPS', or 'SSH', with the corresponding URL 'https://github.com/tamilvk18/VEHICLE.git'. Below this, a section titled '...or create a new repository on the command line' provides a series of terminal commands to initialize the repository, create a README, and push the initial commit to the 'main' branch.

tamilvk18 / VEHICLE

<> Code ⓘ Issues 🔗 Pull requests 🔄 Actions 📁 Projects 📖 Wiki 🛡 Security 📊 Insights ⚙ Settings

Quick setup — if you've done this kind of thing before

 Set up in Desktop or ☐ HTTPS ☐ SSH `https://github.com/tamilvk18/VEHICLE.git`

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# VEHICLE" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/tamilvk18/VEHICLE.git
git push -u origin main
```

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/

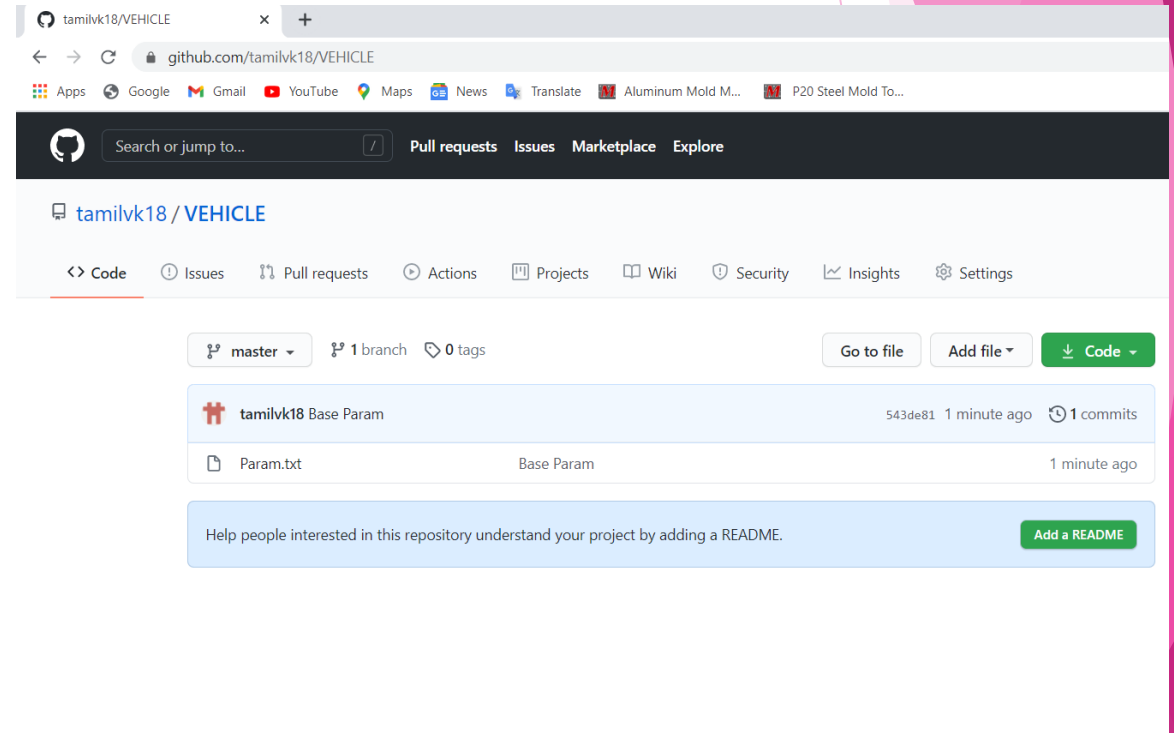
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git add Param.txt

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)
$
```



The screenshot shows a web browser displaying the GitHub repository page for 'tamilvk18/VEHICLE'. The page includes a search bar, navigation links for Pull requests, Issues, Marketplace, and Explore, and a header with repository details. The main content area shows the commit history for the 'master' branch, with a commit titled 'Base Param' by 'tamilvk18' at 543de81, pushed 1 minute ago. Below the commit history, there is a file list showing 'Param.txt' with the content 'Base Param'. At the bottom, there is a prompt to 'Add a README' to help people understand the project.

CREATE A NEW BRANCH IN THE VEHICLE REPOSITORY 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)
$ |
```

The screenshot shows the GitHub interface for the repository 'tamilvk18 / VEHICLE'. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. Below the repository name, there are tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A yellow banner at the top indicates that the 'PS4' branch has recent pushes less than a minute ago, with a 'Compare & pull request' button. Below this, a summary shows 'PS4' with 2 branches and 0 tags, and a 'Go to file' button. A message states 'This branch is 1 commit ahead of master.' with links for 'Pull request' and 'Compare'. The commit list shows a single commit 'Fourth Stage PS4' by 'tamilvk18' with the file 'Param.txt' changed, committed 1 minute ago. At the bottom, there is a blue banner encouraging the user to 'Add a README' to help people understand the project.

REPEAT 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'.
```

PS4 had recent pushes 10 minutes ago

PS3 had recent pushes 2 minutes ago

PS3 3 branches 0 tags

This branch is 2 commits ahead of master.

tamilvk18 Third Stage PS3

Param.txt Third Stage PS3

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'.
```



 PS4 had recent pushes 16 minutes ago [Compare & pull request](#)


 PS3 had recent pushes 9 minutes ago [Compare & pull request](#)

 PS2 had recent pushes less than a minute ago [Compare & pull request](#)

 PS2  4 branches  0 tags [Go to file](#) [Add file](#) [Code](#)

This branch is 3 commits ahead of master. [Pull request](#) [Compare](#)

 **tamilvk18** Second Stage PS4 ebf9988 1 minute ago  4 commits

 Param.txt Second Stage PS4 1 minute ago

Help people interested in this repository understand your project by adding a README. [Add a README](#)

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 #849953 12

1 contributor

24 lines (24 sloc) 818 Bytes

Raw

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

CREATE A NEW REPOSITORY 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

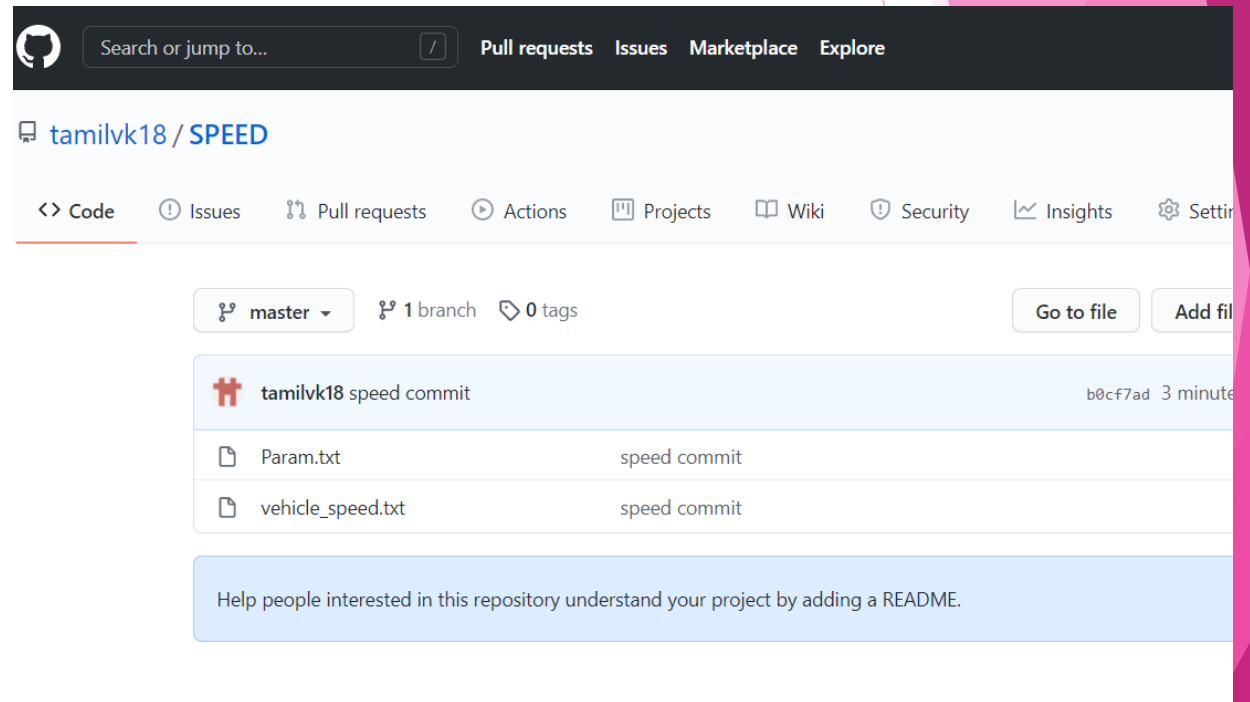
TAMIL SELVAN@LovelyTamil MINGW64 /d/speed
$ git init
Initialized empty Git repository in D:/speed/.git/

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

Thurst and Speed #1

Open

Samversioncontrol wants to merge 2 commits into `tamilvk18:master` from `Samversioncontrol:master`

Conversation 0

Commits 2

Checks 0

Files changed 1

Samversioncontrol commented 3 hours ago

First-time contributor

No description provided.

Samversioncontrol added 2 commits 3 hours ago

Update Param.txt

Verified2de86bd

Update Param.txt

Verifiedabb43fa

Add more commits by pushing to the `master` branch on `Samversioncontrol/VEHICLE`.

Continuous integration has not been set up

GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

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.

master

5 branches

0 tags

Go to file

Add file

Code

tamilvk18 Merge pull request #1 from Samversioncontrol/master

4495c50 3 hours ago 9 commits

Merge pull request #1 from Samversioncontrol/master

Thurst and Speed

Param.txt

Update Param.txt

3 hours ago

Help people interested in this repository understand your project by adding a README.

Add a README

SPEED CHANGES ARE UPDATED

INCLUDING THE MIT LICENSE

tamilvk18 / VEHICLE

<> Code

! Issues

🔗 Pull requests

🔄 Actions

📁 Projects

📖 Wiki

🛡 Security

📈 Insights

⚙ Settings

VEHICLE /

LICENSE

Cancel

<> Edit new file

🔗 Preview

1 MIT License

2

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4

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🐙

Search or jump to...

7

Pull requests

Issues

Marketplace

Explore

tamilvk18 / VEHICLE

<> Code

! Issues

🔗 Pull requests

🔄 Actions

📁 Projects

📖 Wiki

🛡 Security

📈 Insights

⚙ Settings

🔗 master ▾

🔗 5 branches

🏷 0 tags

Go to file

Add file ▾

📄 Code ▾

🔗 tamilvk18 MIT License

693f11d 3 hours ago

🕒 10 commits

📄 LICENSE

MIT License

3 hours ago

📄 Param.txt

Update Param.txt

3 hours ago


Help people interested in this repository understand your project by adding a README.

Add a README




CREATE THE README FILE WITH THAT CONTENT

[Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)


[master](#) [5 branches](#) [0 tags](#) [Go to file](#) [Add file](#) [Code](#)

 **tamilvk18** Readme File

6e67d9f 3 hours ago 11 commits

 LICENSE	MIT License	3 hours ago
 Param.txt	Update Param.txt	3 hours ago
 README.md	Readme File	3 hours ago

README.md



VEHICLE

ISRO API


Open Source API for Launched Spacecrafts & Rockets data of ISRO

##API End-Points


- Spacecrafts: isro.vercel.app/api/spacecrafts
- Launchers: isro.vercel.app/api/launchers
- Launchers: isro.vercel.app/api/customer_satellites

GRAPHICAL VIEW OF COMMITS MADE IN BOTH REPOSITIORY


Readme File

 tamilvk18 committed 3 hours ago

MIT License

 tamilvk18 committed 3 hours ago


Merge pull request #1 from Samversioncontrol/master ...

 tamilvk18 committed 3 hours ago

First Stage PS1

 tamilvk18 committed 19 hours ago

Second Stage PS4

 tamilvk18 committed 19 hours ago

Third Stage PS3

 tamilvk18 committed 19 hours ago

Fourth Stage PS4

 tamilvk18 committed 19 hours ago


Base Param

 tamilvk18 committed 19 hours ago

vis commit

 tamilvk18 committed 4 hours ago

speed commit

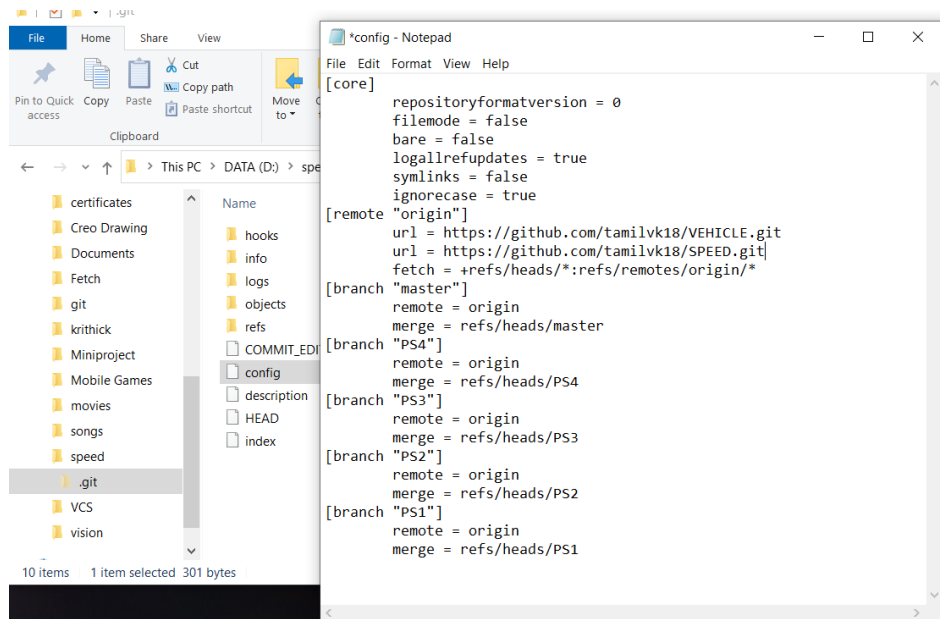
 tamilvk18 committed 6 hours ago

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.



MINGW64/d/Miniproject

```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git remote -v
origin https://github.com/tamilvk18/VEHICLE.git (fetch)
origin https://github.com/tamilvk18/VEHICLE.git (push)
origin https://github.com/tamilvk18/SPEED.git (push)

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git pull origin master
From https://github.com/tamilvk18/VEHICLE
* branch master -> FETCH_HEAD
Already up to date.

TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ git push origin master
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 672 bytes | 672.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/tamilvk18/VEHICLE.git
6e67d9f..3b7ef64 master -> master
To https://github.com/tamilvk18/SPEED.git
```

VISION FILE IS ADDED TO BOTH REPOSITIORY

tamilvk18 / VEHICLE

<> CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

master5 branches0 tags


Go to fileAdd fileCode

tamilvk18 Merge branch 'master' of https://github.com/tamilvk18/VEHICLE3b7ef64 5 minutes ago13 commits

LICENSE	MIT License	3 hours ago
Param.txt	Update Param.txt	3 hours ago
README.md	Readme File	3 hours ago
vision.txt	vis commit	7 minutes ago

README.md

VEHICLE

ISRO  API

Open Source API for Launched Spacecrafts & Rockets data of ISRO

tamilvk18 / SPEED

<> CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

master1 branch0 tags

Go to fileAdd fileCode

tamilvk18 vis commitb9456ed 1 minute ago2 commits

Param.txt	speed commit	3 hours ago
vehicle_speed.txt	speed commit	3 hours ago
vision.txt	vis commit	1 minute ago

Help people interested in this repository understand your project by adding a README.

Add a README

CREATE A GIT IGNORE FILE

MINGW64:/d/Miniproject

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

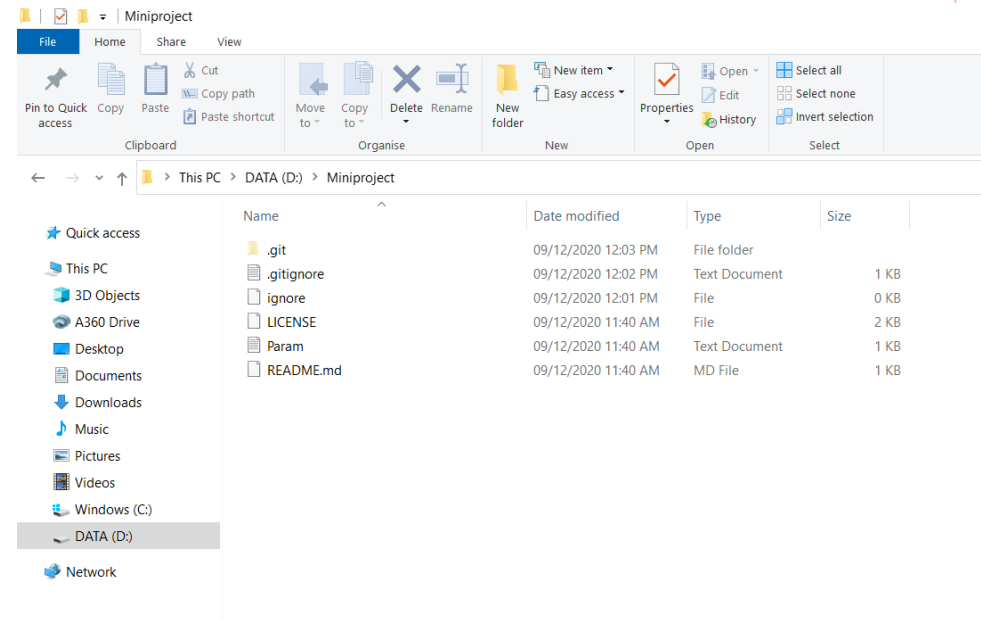
```
TAMIL SELVAN@LovelyTamil MINGW64 /d/Miniproject (master)
$ start .gitignore
```

```
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