```
parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (master)
$ git remote add origin https://github.com/parthipanks/Git-Task.git
error: remote origin already exists.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (master)
$ git branch -M main

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git push -u origin main


parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ echo "# parthipanks" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin git@github.com:parthipanks/parthipanks.git
git push -u origin main
Reinitialized existing Git repository in C:/Users/parth_mqighfi/OneDrive/Desktop/Gitproject/.git/
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
[main c0912c1] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
error: remote origin already exists.


parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git remote add origin git@github.com:parthipanks/parthipanks.git
git branch -M main
git push -u origin main
error: remote origin already exists.


parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git remote add origin git@github.com:parthipanks/Git-Task.git
error: remote origin already exists.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git remote remove origin

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git remote add origin git@github.com:parthipanks/Git-Task.git
git push -u origin main
git@github.com: Permission denied (publickey).
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
```

28°C Mostly cloudy

11:28 PM
06-08-2025

```
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$ git branch -M main

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git push -u origin main


parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ echo "# parthipanks" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
bash: syntax error near unexpected token `('
bash: $: command not found
bash: error:: command not found
bash: syntax error near unexpected token `('
bash: $: command not found
bash: syntax error near unexpected token `('
bash: $: command not found
bash: syntax error near unexpected token `('
bash: $: command not found
Reinitialized existing Git repository in C:/Users/parth_mqighfi/OneDrive/Desktop/Gitproject/.git/

On branch main
nothing to commit, working tree clean

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$
parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (master)
$ git remote add origin https://github.com/parthipanks/Git-Task.git
error: remote origin already exists.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (master)
$ git branch -M main

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git push -u origin main
```
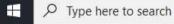
```
parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 2 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (7/7), 594 bytes | 28.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/parthipanks/Git-Task.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git checkout -b feature-merge
Switched to a new branch 'feature-merge'

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-merge)
$ echo "echo Merged feature" >> script1.sh

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-merge)
$ ^[[200~git add script1.sh~
bash: $'\E[200~git': command not found

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-merge)
$ git add script1.sh
warning: in the working copy of 'script1.sh', LF will be replaced by CRLF the next time Git touches it

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-merge)
$ git commit -m "Feature added to script1"
[feature-merge 460725f] Feature added to script1
 1 file changed, 1 insertion(+)
 create mode 100644 script1.sh

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-merge)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git merge feature-merge
Updating c0912c1..460725f
Fast-forward
 script1.sh | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 script1.sh

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git checkout -b feature-rebase
Switched to a new branch 'feature-rebase'
```

```
parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-rebase)
$ echo "echo Rebased feature" >> script2.sh

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-rebase)
$ git add script2.sh
warning: in the working copy of 'script2.sh', LF will be replaced by CRLF the next time Git touches it

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (feature-rebase)
$ git checkout main
A       script2.sh
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git checkout -b rebase-main
Switched to a new branch 'rebase-main'

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git rebase feature-rebase
error: cannot rebase: Your index contains uncommitted changes.
error: Please commit or stash them.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git rebase feature-rebase
error: cannot rebase: Your index contains uncommitted changes.
error: Please commit or stash them.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git add .

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git commit -m "WIP: Save changes before rebase"
[rebase-main 7a2d81d] WIP: Save changes before rebase
 1 file changed, 1 insertion(+)
 create mode 100644 script2.sh

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git rebase feature-rebase
Current branch rebase-main is up to date.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git stash
No local changes to save

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git rebase feature-rebase
Current branch rebase-main is up to date.
```

Current branch rebase-main is up to date.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git push origin main
To https://github.com/parthipanks/Git-Task.git
 ! [rejected]   main -> main (fetch first)
error: failed to push some refs to 'https://github.com/parthipanks/Git-Task.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 212.81 KiB | 1.77 MiB/s, done.
From https://github.com/parthipanks/Git-Task
   c0912c1..1fdd651 main   -> origin/main
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin/<branch> rebase-main

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git push origin main
To https://github.com/parthipanks/Git-Task.git
 ! [rejected]   main -> main (non-fast-forward)
error: failed to push some refs to 'https://github.com/parthipanks/Git-Task.git'
hint: Updates were rejected because a pushed branch tip is behind its remote
hint: counterpart. If you want to integrate the remote changes, use 'git pull'
hint: before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git push
fatal: The current branch rebase-main has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin rebase-main

```
To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.


parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git push --set-upstream origin rebase-main
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 869 bytes | 33.00 KiB/s, done.
Total 9 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
remote:
remote: Create a pull request for 'rebase-main' on GitHub by visiting:
remote:      https://github.com/parthipanks/Git-Task/pull/new/rebase-main
remote:
To https://github.com/parthipanks/Git-Task.git
 * [new branch]      rebase-main -> rebase-main
branch 'rebase-main' set up to track 'origin/rebase-main'.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git push origin main
To https://github.com/parthipanks/Git-Task.git
 ! [rejected]        main -> main (non-fast-forward)
error: failed to push some refs to 'https://github.com/parthipanks/Git-Task.git'
hint: Updates were rejected because a pushed branch tip is behind its remote
hint: counterpart. If you want to integrate the remote changes, use 'git pull'
hint: before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (rebase-main)
$ git checkout main
git rebase rebase-main
git push origin main --force
Switched to branch 'main'
Your branch and 'origin/main' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" if you want to integrate the remote branch with yours)
Successfully rebased and updated refs/heads/main.
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/parthipanks/Git-Task.git
 + 1fdd651...5bd13d9 main -> main (forced update)

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$ git push origin main
Everything up-to-date

parthipan_k@Parthipan MINGW64 ~/OneDrive/Desktop/Gitproject (main)
$
```