```
alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system
$ git init
Initialized empty Git repository in C:/Users/alina/Desktop/student-management-
stem/.git/

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ cat > README.md
The Student Management System (SMS) is a software application designed to mana
, store, and process student-related information efficiently. The system helps
ducational institutions maintain student records digitally, reducing paperwork
nd manual effort.

This project allows administrators to add, update, view, and delete student de
ils, such as personal information, course enrollment, academic performance, ar
attendance. By centralizing data in a database, the system ensures easy access
accuracy, and secure management of student information.

The Student Management System improves operational efficiency by automating ro
ine tasks like record maintenance and reporting. It also minimizes data redund
cy and errors while providing quick retrieval of information when required.



alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        README.md

nothing added to commit but untracked files present (use "git add" to track)

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git add .
warning: in the working copy of 'README.md', LF will be replaced by CRLF the r
t time Git touches it

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git commit -m "project description added"
[master (root-commit) 565eb15] project description added
 1 file changed, 6 insertions(+)
 create mode 100644 README.md

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ |
```

```
alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git branch feature-login

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git checkout feature-login
Switched to branch 'feature-login'

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature-log
$ cat > login.txt
file added


alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature-log
$ git add .
warning: in the working copy of 'login.txt', LF will be replaced by CRLF the
t time Git touches it

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature-log
$ git commit -m "login file added"
[feature-login 4125b4c] login file added
 1 file changed, 1 insertion(+)
 create mode 100644 login.txt

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature-log
$ git checkout master
Switched to branch 'master'

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git merge feature-login
Updating 565eb15..4125b4c
Fast-forward
 login.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 login.txt

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ |
```

```
create mode 100644 login.txt

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (master)
$ git branch -M main

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (main)
$ git remote add origin https://github.com/Alinaah-04/student-management-syst
git

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (main)
$ git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 911 bytes | 182.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Alinaah-04/student-management-system.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (main)
$ |
```

```
alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (main)
$ git branch feature

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (main)
$ git checkout feature
Switched to branch 'feature'

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature)
$ cat > hai.txt
hlo hai


alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature)
$ git add .
warning: in the working copy of 'hai.txt', LF will be replaced by CRLF the nex
time Git touches it

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature)
$ git commit -m "done"
[feature 6bf6a43] done
 1 file changed, 1 insertion(+)
 create mode 100644 hai.txt

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature)
$ git push origin feature
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 311 bytes | 311.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature' on GitHub by visiting:
remote:      https://github.com/Alinaah-04/student-management-system/pull/new,
ature
remote:
To https://github.com/Alinaah-04/student-management-system.git
 * [new branch]      feature -> feature

alina@AlinaAnnJoseph MINGW64 ~/Desktop/student-management-system (feature)
$
```

Add hai.txt file #1

⦿ **Merged**   Alinaah-04 merged 1 commit into `main` from `feature` ⎘ no

─○─ 🖪 done

⦿ 🖪 **Alinaah-04** merged commit **292294d** into `main` now

⑂ 🖪 **Alinaah-04** deleted the `feature` branch now

Pull request successfully merged and closed

You're all set — the branch has been merged.