Step 1: Make sure Git is initialized

git init

git add .

git commit -m "Initial commit of project"

Step 2: Create branches for each feature

- For Course Registration

git checkout -b feature/course-registration

- For Event Calendar (later)

git checkout -b feature/event-calendar

Step 3: Implement each feature in its branch

1. **Course Registration branch**:
- Add code for course registration functionality
- folder/file structure:

/course_registration

  registration.html

  registration.js

- Commit changes:

git add .

git commit -m "Add course registration feature"

1. **Event Calendar branch**:

git checkout -b feature/event-calendar main

- Add code for event calendar functionality
- folder/file structure:

/event_calendar

  calendar.html

  calendar.js

- Commit changes:

git add .

git commit -m "Add event calendar feature"

Step 4: Merge branches into main

1. **Switch to main**:

git checkout main

1. **Merge Course Registration**:

git merge feature/course-registration

1. **Merge Event Calendar**:

git merge feature/event-calendar

Step 5: Verify

Check branches

git branch

Check log to see merged commits

git log --oneline --graph --all

```
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git add registration.html
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git commit
[main (root-commit) 587527b] commit 1
 1 file changed, 64 insertions(+)
 create mode 100644 registration.html
```

```
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git branch b2
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git branch
  b2
* main
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git checkout b2
Switched to branch 'b2'
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git add event.html
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git commit
[b2 6c931ae] commit 2
 1 file changed, 81 insertions(+)
 create mode 100644 event.html
```

```
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git checkout main
Switched to branch 'main'
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2> git merge b2
Updating 587527b..6c931ae
Fast-forward
 event.html | 81 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 1 file changed, 81 insertions(+)
 create mode 100644 event.html
PS C:\Users\D.RAGHUNADHA REDDY\OneDrive\Desktop\es2>
```