Create a directory named **project** and using the **git init** command convert it as a local git repository.

Create a file m1.txt in the master branch and do a git add and git commit.

A screenshot of a computer program

Description automatically generated

Create two branches named **integration\_varthini** and **hotfix\_varthini**

A screen shot of a computer

Description automatically generated

Switch to **integration\_varthini** branch and create two branches from this branch named **feature1 and feature2**

A screen shot of a computer

Description automatically generated

Create **fet2.txt** in the feature2 branch and commit the file.

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

**Merge** the feature2 branch into integration\_varthini branch

A screen shot of a computer

Description automatically generated

**Delete** the feature2 branch.

A screenshot of a computer program

Description automatically generated

Create a file named fet1.txt in the feature1 branch and commit it.

A screen shot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated

**Rebase** the feature1 branch to the integration\_varthini branch.

A computer screen shot of a program

Description automatically generated

A computer screen shot of a program

Description automatically generated

Merge the integration\_varthini branch into hotfix\_varthini and master branch to update these branches.

A screen shot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

Commit some changes in the feature1 branch

A screenshot of a computer screen

Description automatically generated

Merge feature1 branch into integration\_varthini, hotfix\_varthini, and master branch

A screen shot of a computer program

Description automatically generated

A screenshot of a computer screen

Description automatically generated

A computer screen with yellow and white text

Description automatically generated

Delete feature1 branch once merging is complete.

A screenshot of a computer program

Description automatically generated

A black screen with yellow text

Description automatically generated

Commit some changes in the hotfix\_varthini branch

A computer screen with yellow text

Description automatically generated

A computer screen with text and images

Description automatically generated

Merge the hotfix\_varthini branch into the master as well as the integration\_varthini branch

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

A computer screen shot of a black screen

Description automatically generated

A screen shot of a computer

Description automatically generated