Establish a new directory, populate it with script files, initiate an empty repository on GitHub, convert the local directory into a Git repository, and link it to GitHub for pushing the code into the repository.Perform merge, rebase, stash commands in following github repo.

**Step 1**

Creating a directory – mkdir vcs\_project

cd vcs\_project

**Step 2**

Creating shell scripting file

echo “Welcome to VCS task” >script1.sh

echo “Hi!! This is Siva” >script2.sh

**Step 3**

Creating a Repo in git as VCS\_task

**Step 4**

Add & Committing files

git init

git add .

git commit –m “my first vcs task”

**Step 5**

Linking to the local Repo

git remote add origin <username>: <URL>/<repo name>

**Step 6**

Creating branch and pushing the code

git branch – M main

git push origin –m main

**Step 7**

Creating a new branch & switching as develop

git branch –b develop

**Step 8**

Add a file in script1.sh

echo "New feature is added in develop branch" >>script1.sh

git add script1.sh

git commit –m “Added new feature in develop branch”

**Step 9**

Merge branch

git checkout main

git merge develop

git push origin main

**Step 10**

Creating a another branch as rebase-branch

**Step 11**

Add text in script2.sh

Check out to main branch

git rebase rebase-branch

push to main branch

**Step 12 (stash)**

Made a change in script1.sh

git status

git stash

git stash list

**Step 13**

Push to main branch



