

A. Steps to Push the local code on GitHub repository

(Before running these commands on command prompt make sure you have installed git software on your system.

To check that you can run the command

git --version and you will see some version if you have installed it.

If you don't get any valid version or if it says git is not a valid internal or external command then you can download and install git from this

website: <https://git-scm.com/> for your operating system iOS or Win or Linux)

Step 0: Open the command prompt and change the current directory to your project directory

Step 1: git init

This creates a hidden folder named git in your project folder which tracks the files in your project

Step 2: git config --global user.name "Vaibhav Lone"

This will set your username which will be used on GitHub to keep record who added the files to your repository when you push from your local system using command line

Step 3: git config --global user.email "lone.vaibhav7@gmail.com"

This will set your email which you specified on the GitHub and will be used on GitHub to keep record while adding the files to your repository when you push from your local system using command line

Step 4: git status

This will show all the files which are or being tracked in the green color and the files which are not being tracked in red color

Step 5: git add .

This command will specify the files which we want to be tracked by git for any changes or updates we do in it

Step 6: git commit -m "First commit"

Add a message to what changes you made in your project before you push the code to the GitHub repository. As we are pushing the code for the first time it will be First

Commit or you can specify Something else also but it should be informative enough to understand what changes we made in this commit

Step 7: git remote add origin *remote repository URL*

Get this from GitHub repository. This command will specify the location on GitHub where the code will be pushed

Step 8: git remote -v

Here you will just verify if you have added the correct repository. You should be able to see the name of repository you added in previous step.

Step 9: git push -u origin master

For the first time it will ask you the GitHub username and password to login to GitHub. Once you enter the username and password the code will be pushed automatically and when you refresh the repository page on GitHub you will see that files are added to your GitHub repository.

B. Steps to Push the local code after making changes in the code on GitHub repository

Step 0: Open the command prompt and change the current directory to your project directory

Step 1: git status

This will show all the files which are or being tracked in the green color and the files which are not being tracked in red color

Step 2: git add .

This command will specify the files which we want to be tracked by git for any changes or updates we do in it

Step 3: git commit -m "Changed the banner image on index.html"

Add a message to what changes you made in your project before you push the code to the GitHub repository. You can specify Something related to your changes but it should be informative enough to understand what changes we made in this commit

Step 4: git push -u origin master

As this is not the first time the code will be pushed automatically and when you refresh the repository page on GitHub you will see that files are there to your GitHub repository and in commit section you will see the new message we specified in the previous step.