**\*After writing the all code for your website, generate the package.json file by using command**

**npm init**

**Give package name,version,description,author:raghu,press enter enter while generating the package.json file**

**For version open another cmd type node –v , paste that vertion**

**Open package.json file add the following in script object**

**“start”:”node filename” filename is server file where your listening**

**Hint: This code is there in that file .listen(3000) it is there in server file**

**\*Open server file add the following code**

**Const PORT = process.env.PORT||5000**

**In bellow .listen(PORT)**

**\*create the profile.txt file add the following**

**Web:node filename**

**\*generating the ssh key using following commands**

**pwd show in which folder we are in**

**open git bash in c:/Users/raghumn**

**if .ssh folder is not there, create it by following cmds**

**mkdir .ssh**

**if it’s there just move to that folder**

**cd .ssh**

**ssh-keygen.exe generating the ssh keys it generate two keys, one is public and another is private**

**cat id\_rsa.pub it show the public key , copy and go to your github account--setting—ssh Key—new key—give key name, paste the key in description**

**\*create one repo on your account**

**\*open gitbash in the folder where you saved all your website files**

**\*execute the following commands to push your code to git**

**git config --global user.name “Raghu”**

**git config --global user.email “raghumn688@gmail.com”**

**git config --global alias.co checkout**

**git init add .**

**git commit –am “commit message”**

**go to your repo copy the repo link**

**git remote add origin “**[**https://github.com/Raghumnstudent/Chat\_Application.git**](https://github.com/Raghumnstudent/Chat_Application.git)**”**

**git push –u origin master**

**it ask for passphrase, enter passphrase created while generating shh key**

**or it ask for account login , username, password(account password)**

**if login failed execute the following commads**

**git remove –v**

**git remote set-url origin** [**git@github.com:zkirkland/Random-Python-Tests.git**](mailto:git@github.com:zkirkland/Random-Python-Tests.git) **or**

**git remote set-url origin** [**https://www.github.com/name/repo.git**](https://www.github.com/name/repo.git)

**the again execute git push –u origin master**

**problem solved**

**\*if any changes made in this folder like creating new file, editing file just execute the following commands to update files in github repo**

**git add .**

**git commit –am “commit message”**

**git push**

**no need to mention git push –u origin master because once we add git repo link it is saved in that folder local machine**

**\*installing heroku**

**\*open gitbash in folder where you saved your files execute the following commands**

**1)heroku login press any key to login from browser**

**after login it show loggined as account details**

**2)heroku create**

**3)git push heroku master**

**In bellow there Is link like this**

[**https://vast-beach-84062.herokuapp.com**](https://vast-beach-84062.herokuapp.com/)

**paste into your browser, if you able to open your website,our app deployment is successful**

**you can rename the link**

**heroku rename raghu**

**now link is** [**https://raghu.herokuapp.com**](https://raghu.herokuapp.com/)