EXP 1:

1. $ git init
2. (create an html file)
3. $ git status
4. $ git add First.html
5. $ git status
6. $ git config --global user.email "22r01a05a3.cmrithyderabad.edu.in"
7. $ git config --global user.name "RamyaReddyM"
8. $ git commit -m "First file added"
9. (create a repository on github)
10. $ git remote add origin https://github.com/RamyaReddyM/5A3.git
11. $ git push -u origin master
12. $ git branch b1
13. $ git branch
14. $ git checkout b1
15. $ git branch
16. (create another html file)
17. $ git status
18. $ git add Second.html
19. $ git status
20. $ git commit -m "Second file added"
21. $ git branch
22. $ git push -u origin b1
23. $ git checkout master
24. $ git merge b1
25. $ git checkout b1
26. $ git push -u origin master
27. $ git branch -d b1
28. $ git checkout master
29. $ git branch -d b1
30. $ git push origin --delete b1

EXP 5:

1. node -v (check if node in installed)
2. npm install node
3. npm install express
4. node server.js

EXP 6:

1. **npm install express node jsonwebtoken fs path**
2. **node server.js**

EXP 7:

1. **npm install express node jsonwebtoken fs path**
2. **node server.js**

EXP 8:

1. **npm install mongodb express node**
2. **node server.js**

EXP 9:

1. **npm install -g @angular/cli**
2. **ng new prog9**
   (CSS Enter)
   (No Enter)
3. **cd prog9**
4. **ng g c header**
   (No Enter)
5. **ng g c home**
6. **ng g c profile**
7. **code .**
8. **src>index.html(add bootstrap links)**
9. **header.html(add routerLink, routerLinkActive)**
10. **header.ts(imports:[RouterModule])**
11. **app.component.html**
12. **app.component.ts(imports)**
13. **app.routes.ts(add code)**
14. **profile.html**
15. **home.html**
16. **ng serve**

EXP 10:

1. **same as 9 except change code in profile.ts, profile.html**

EXP 11:

1. **npm install -g npx**
2. **npm install -g create-react-app**
3. **npx create-react-app spa**
4. **cd spa**
5. **npm start**
6. **npm install react-router-dom**
7. **npm install bootstrap**
8. **npm install react-bootstrap bootstrap@5.1.3**

EXP 12:

1. python –version
2. py -m pip install –user virtualenv
3. py -m venv venv
4. .\venv\scripts\activate
5. py -m install Django (or) pip install Django
6. py -m Django –version
7. django-admin startproject exp12
8. cd exp12
9. pip install djangorestframework
10. py manage.py runserver (or) python manage.py runserver

EXP 13:

1. py -m pip install –user virtualenv
2. py -m venv venv
3. .\venv\scripts\activate
4. py -m install Django (or) pip install Django
5. django-admin startproject exp13
6. cd exp13
7. pip install djangorestframework
8. code .
9. py manage.py runserver (or) python manage.py runserver

EXP 14:

1. python –version
2. py -m pip install –user virtualenv
3. py -m venv venv
4. .\venv\scripts\activate
5. py -m install Django (or) pip install Django
6. py -m Django –version
7. django-admin startproject exp14
8. cd exp14
9. pip install djangorestframework
10. django-admin startapp api
11. django-admin startapp base
12. py manage.py makemigrations
13. py manage.py migrate
14. py manage.py runserver (or) python manage.py runserver