1 sudo yum update -y

2 clear

3 systemctl status docker

4 sudo amazon-linux-extras install docker

5 sudo service docker start

6 sudo yum install docker

7 docker info

8 sudo usermod -a -G docker ec2-user

9 docker info

10 sudo service docker start

11 docker info

12 pwd

13 mkdir clarusway\_web

14 cd clarusway\_web/

15 yum -y install nano

16 pwd

17 ls

18 cd clarusway\_web/

19 touch welcome.py

20 ls

21 cat welcome.py

22 8:36

23 what about version=2 ?

24 8:36

25 yes

26 clear

27 echo '

from flask import Flask

app = Flask(\_\_name\_\_)

@app.route("/")

def hello():

return "<h1>Welcome to Clarusway</h1>"

if \_\_name\_\_ == "\_\_main\_\_":

app.run(host="0.0.0.0", port=80)

' > welcome.py

28 cat welcome.py

29 nano

30 touch requirements.txt

31 ls

32 rm y

33 ls

34 vi requirements.txt

35 echo '

flask

' > requirements.txt

36 cat requirements.txt

37 touch Dockerfile

38 ls

39 echo '

FROM python:alpine

COPY . /app

WORKDIR /app

RUN pip install -r requirements.txt

EXPOSE 80

CMD python ./welcome.py

' > Dockerfile

40 cat Dockerfile

41 clear

42 ls

43 cat Dockerfile

44 cat welcome.py

45 clear

46 docker build -t "seanclarus/flask-app:1.0" .

47 sudo service Docker start

48 sudo yum install Docker

49 sudo yum install docker

50 sudo service docker start

51 docker build -t "seanclarus/flask-app:1.0" .

52 docker image ls

53 clear

54 docker image ls

55 cat Dockerfile

56 docker run -d --name welcome -p 80:80 seanclarus/flask-app:1.0

57 docker ps

58 docker stop welcome && docker rm welcome

59 docker login

60 docker run -d --name welcome -p 80:80 seanclarus/flask-app:1.0

61 docker stop welcome && docker rm welcome

62 docker login

63 ls

64 clear

65 ls

66 docker image ls

67 docker push seanclarus/flask-app

68 docker image rm 52a

69 docker image ls

70 history

71 clear

72 docker pull seanclarus/flask-app:1.0

73 docker image ls

74 history

75 docker run -d --name welcome -p 80:80 seanclarus/flask-app:1.0

76 docker ps

77 clear

78 docker image ls

79 cat Dockerfile

80 histosry

81 history