import os

import getpass

os.system("tput setaf 3")

print ("\t\t\tWELCOME TO MULTI TEAM COMPETITION PLATFORM")

os.system("tput setaf 3")

print ("\t\t\t------------------------------------------")

os.system("systemctl start docker")

x=8080

y=1234

users\_list=[]

while True:

print ("""

Press 1 : to PARTICIPATE

Press 2 : to JUDGE

Press 3 : to exit

""")

print("Enter your choice : ", end="")

ch = input()

if int(ch)==1:

teamID = input("Enter your Team ID : ")

teamName = input("Enter your Team Name : ")

user=[]

volumeName = "myVolume\_"+str(x)

os.system("docker volume create {0}".format(volumeName))

os.system("docker run -dit --name {0} -v {1}:/var/www/html -p {2}:80 centos".format(teamName, volumeName, x))

#print(os.system("docker inspect --format='{{range.NetworkSettings.Networks}}{{.IPAddress}}{{end}}' {0}".format(teamName)))

#print(str(containerIP))

user.append(teamID)

user.append("myVolume\_" + str(x))

user.append(teamName)

user.append(str(x))

#user.append("http://"+str(baseIP)+":"+str(x))

users\_list.append(user)

x=x+1

y=y+1

elif int(ch)==2:

userPassword = getpass.getpass("Enter the password : ")

originalPassword = "redhat"

if userPassword != originalPassword:

print("Authentication INCORRECT!!!!")

exit()

else :

os.system("tput setaf 4")

print("\t\t\t\t\t ADMIN DASHBOARD")

os.system("tput setaf 4")

print("\t\t\t\t\t ---------------")

print("""

Press 1: to view all the TEAMS

Press 2: to remove all existed containers and volumes

""")

print("Enter your choice : ", end="")

ad = input()

print (ad)

if(int(ad)==1):

print("TEAM ID \t\t\t TEAM NAME\t\t\t\tActive Port")

for i in range(len (users\_list)):

print( users\_list[i][0]+"\t\t\t\t"+ users\_list[i][2]+"\t\t\t\t\t"+ users\_list[i][3])

print(" Press 0 to get the SYSTEM IP : ", end="")

qa=input()

if(int(qa)==0):

os.system("hostname -I | cut -c1-14")

else:

print("wrong option, ENTER AGAIN!!!!")

elif(int(ad)==2):

os.system("docker container stop $(docker container ls -aq)")

os.system("docker system prune -f --volumes")

os.system("docker container prune -f")

print("SUCCESSFULLY DELETED!!!")

elif int(ch)==3:

exit()

else:

print ("Option doesn't supported")

input("Enter to continue......")

os.system("clear")