ASSIGNMENT 1

REGISTRATION AND LOGIN SYSTEM WITH PYTHON FILE HANDLING

**REGISTRATION**  
def register()

data=open(“logindetails.txt”, “r”)

username=input(“Create Username:”)

password1=input(“Create Password:”)

password2=input(“Confirm Password:”)

special\_char=(‘@’, ‘#’, ‘$’, ‘%’, ‘^’, ‘&’, ‘\*’, ‘\_’, ‘-‘, ‘?’, ‘/’)

number=(‘0’, ‘1’, ‘2’, ‘3’, ‘4’, ‘5’, ‘6’, ‘7’, ‘8’, ‘9’)

def lower(self)

lower=any(a.islower() for a in self.password)

return True

def upper(self)

upper=any(a.issuper() for a in self.password)

return True

def digit(self)

digit=any(a.isdigit() for a in self.password)

return True

all\_condition=lower and upper and digit

if username.startswith(special\_char) or username.startswith(number);

print(“not valid, register again”)

register()

elif “@.” in username:

print(“not valid, register again”)

register()

else:

print(“username exists’)

pass

if password1!=password 2:

print(“passwords don’t match”)

register()

elif len(password1<5) or len(password1>16)

print(“password length short/long, Register again”)

register()

elif all\_condition:

print(“username created”)

data=open(“logindetails.txt”, “a”)

data.write(“username+”, “’+password+” “\n”)

print(“username successfully registered”)

elif username in data:

print (“username already exist”)

else:

print(“register again”)

register()

**LOGIN:**

def login()

username=input(“Enter username:”)

password=input(“Enter password:”)

if len(username or password)>1:

data=open(“logindetails.txt”, “r”)

if data(username):

try:

if password==data(username):

print(“login success”)

else:

print(“incorrect password/username”)

forgetpass()

except:

print(“username doesn’t exist”)

register()

**FORGET PASSWORD**

def forgetpass()

if data(username)==username:

print(“your password :”, data(password))

else:

print(“username doesn’t match, Please enter correct username”)

login()

**OPTION**

def option(opt==None):

option=int(input(“1.Register 2.Login 3.Forget Password”,option))

if opt==1:

register()

elif opt==2:

login()

elif opt==3:

forgetpass()

else:

print(“enter correct option”)

option()