**Project Submission Details**

Name : Koneti Naga Dinesh Reddy

Company : Cisco

Title : Password Manager

IDE used : Visual Studio

Language : Python

GitHub Link : <https://github.com/dinesh-reddy-k/Password-Manager>

Code:

class BasePasswordManager:

old\_passwords=['testing']

def get\_password(self):

return self.old\_passwords[-1]

def is\_correct(self,password):

return self.get\_password==password

class PasswordManagr(BasePasswordManager):

def set\_password(self,new\_password):

if len(new\_password)<6:

return "Password can't be set as it less than 6 characters"

if self.get\_level(self.get\_password())<self.get\_level(new\_password):

self.old\_passwords.append(new\_password)

return "Password has been updated sucessfully with security level ",self.get\_level()

def get\_level(self,password=None):

print(password)

if password==None:

password=self.get\_password()

if password.isalpha() or password.isnumeric():

return 0

elif password.isalnum():

return 1

else:

return 2

a=BasePasswordManager()

new\_password=input('Enter the Password: ')

if new\_password==a.get\_password():

print('Previous password is same')

else:

b=PasswordManagr()

print(b.set\_password(new\_password))