**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/Python_Decorator>

Code:

#Log \_message Decorator

def log\_message(fun):

def wrapper(\*a):

b=fun(\*a)

with open('/tmp/decorator\_logs.txt','a') as f:

f.write(b+'\n')

f.close()

return b

return wrapper

@log\_message

def a\_function\_that\_returns\_a\_string():

return "A string"

@log\_message

def a\_function\_that\_returns\_a\_string\_with\_newline(s):

return "{}\n".format(s)

@log\_message

def a\_function\_that\_returns\_another\_string(string=""):

return "Another string"

a\_function\_that\_returns\_a\_string()

a\_function\_that\_returns\_a\_string\_with\_newline('Dinesh')

a\_function\_that\_returns\_another\_string('reddy')