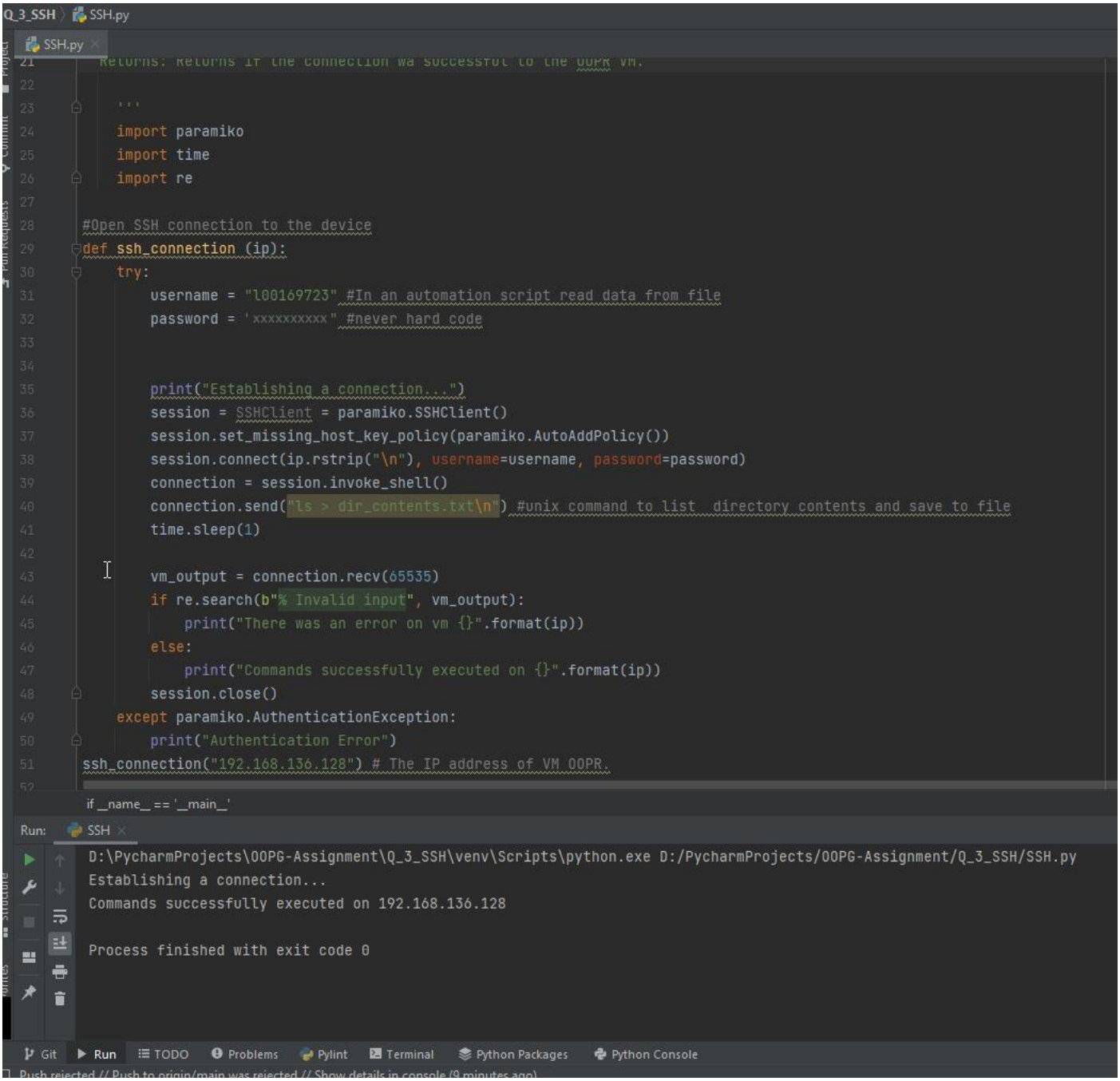
Q_3_SSH
SSH.py
SSH.py
Returns: Returns if the connection wa successful to the OOPR VM.
'''
import paramiko
import time
import re
#Open SSH connection to the device
def ssh_connection (ip):
try:
username = "l00169723" #In an automation script read data from file
password = 'xxxxxxxxx" #never hard code
print("Establishing a connection...")
session = SSHClient = paramiko.SSHClient()
session.set_missing_host_key_policy(paramiko.AutoAddPolicy())
session.connect(ip.rstrip("\n"), username=username, password=password)
connection = session.invoke_shell()
connection.send("ls > dir_contents.txt\n") #unix command to list directory contents and save to file
time.sleep(1)
vm_output = connection.recv(65535)
if re.search(b"% Invalid input", vm_output):
print("There was an error on vm {}".format(ip))
else:
print("Commands successfully executed on {}".format(ip))
session.close()
except paramiko.AuthenticationException:
print("Authentication Error")
ssh_connection("192.168.136.128") # The IP address of VM OOPR.
if __name__ == '__main__'
Run:
SSH
D:\PycharmProjects\OOPG-Assignment\Q_3_SSH\venv\Scripts\python.exe D:/PycharmProjects/OOPG-Assignment/Q_3_SSH/SSH.py
Establishing a connection...
Commands successfully executed on 192.168.136.128
Process finished with exit code 0
Git
Run
TODO
Problems
Pylint
Terminal
Python Packages
Python Console
Push rejected // Push to origin/main was rejected // Show details in console (9 minutes ago)