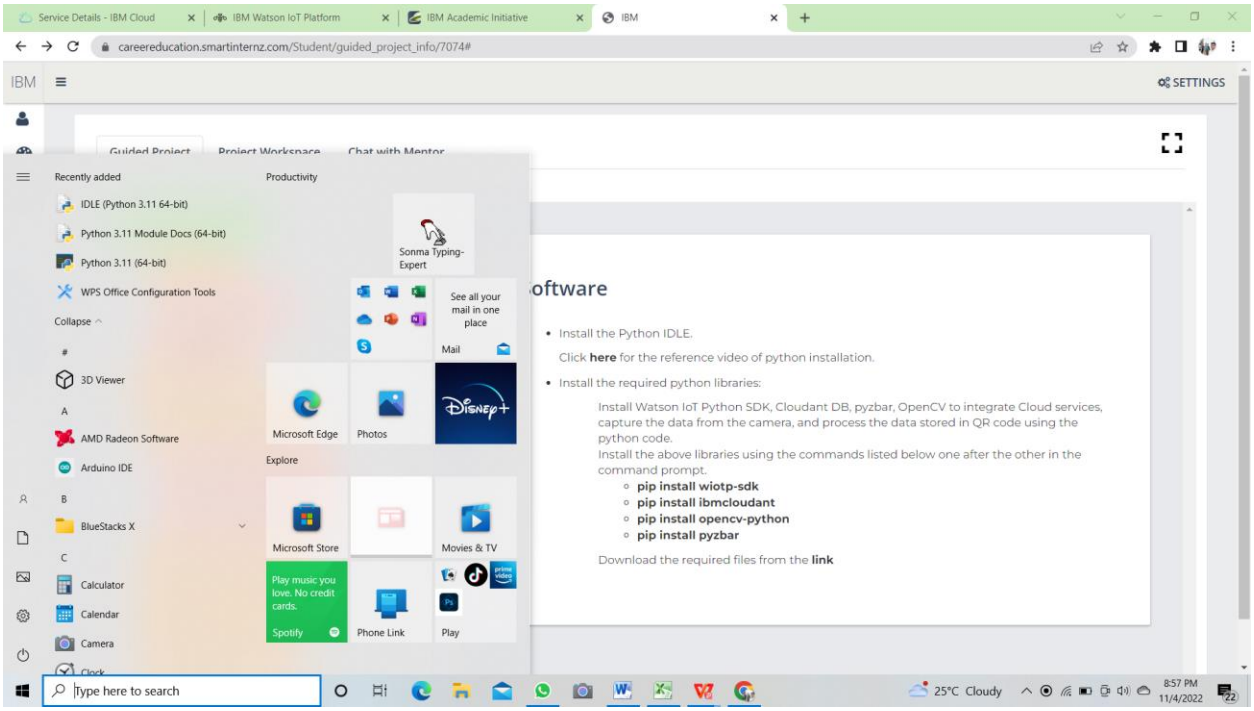
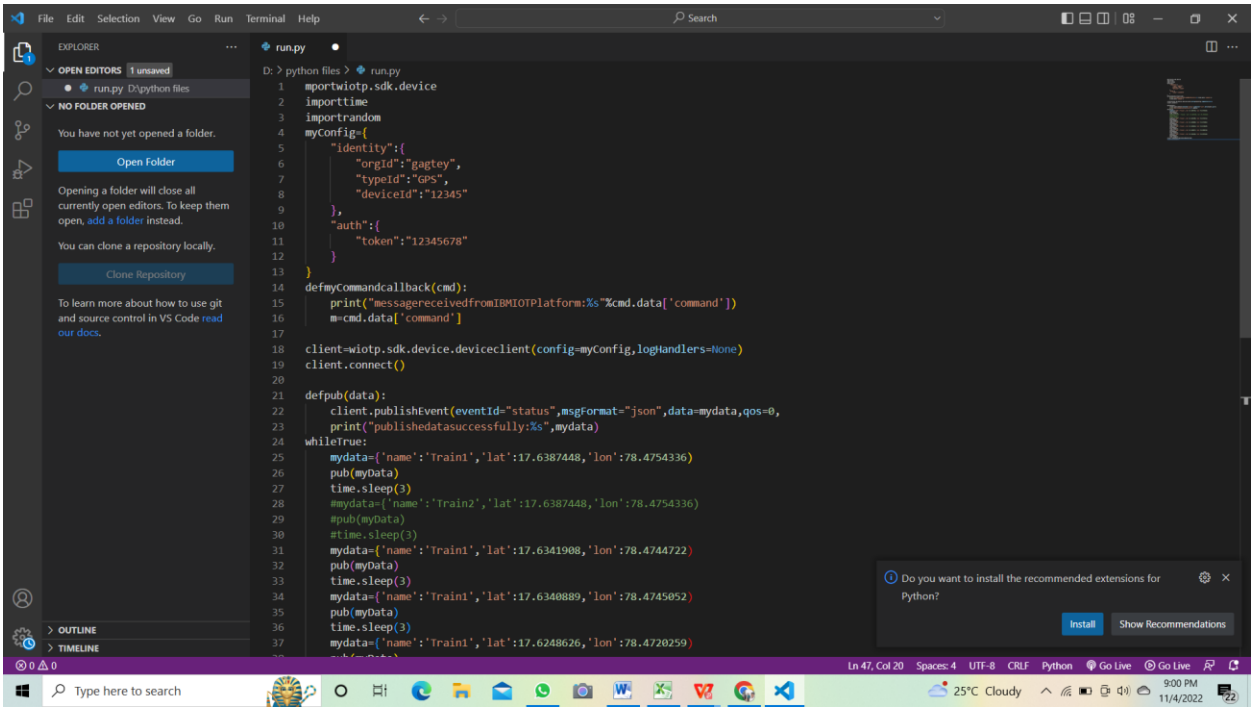
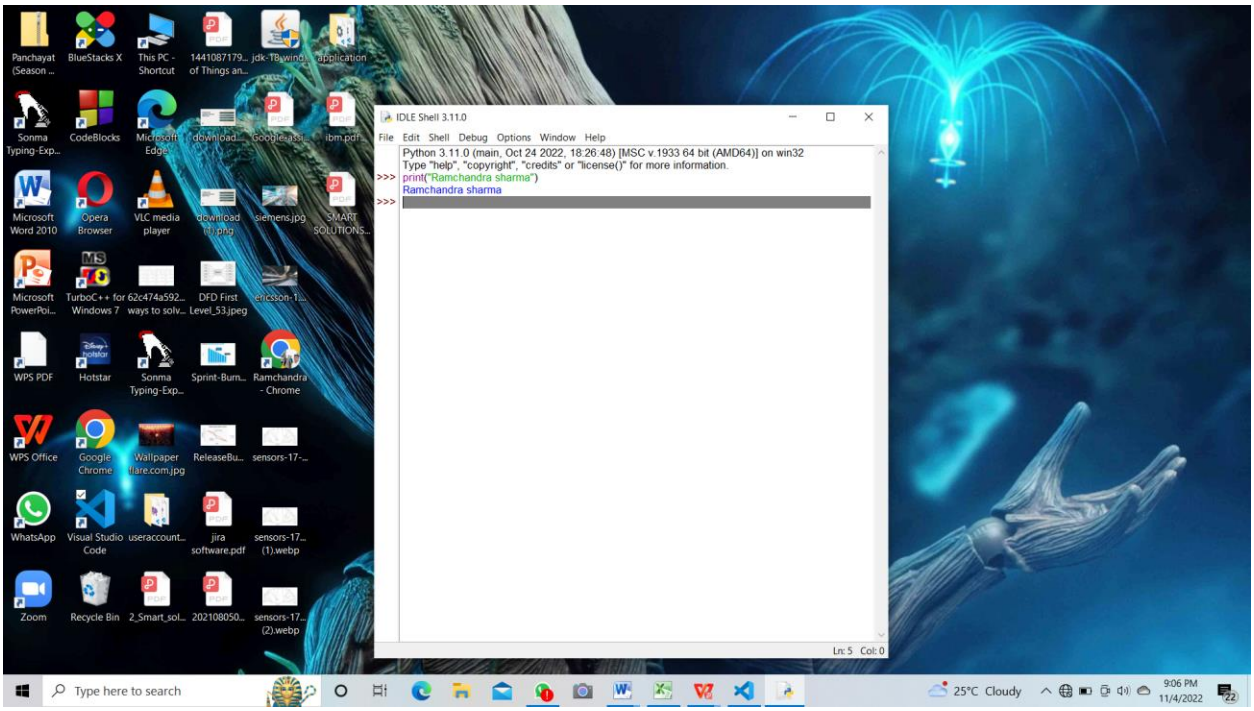
SOFTWARE


Service Details - IBM Cloud
IBM Watson IoT Platform
IBM Academic Initiative
IBM
careereducation.smartinternz.com/Student/guided_project_info/7074#
SETTINGS
Guided Project
Project Workspace
Chat with Mentor
Recently added
IDLE (Python 3.11 64-bit)
Python 3.11 Module Docs (64-bit)
Python 3.11 (64-bit)
WPS Office Configuration Tools
Collapse
3D Viewer
AMD Radeon Software
Arduino IDE
BlueStacks X
Calculator
Calendar
Camera
Productivity
Sonma Typing-Expert
See all your mail in one place
Mail
Microsoft Edge
Photos
Explore
Microsoft Store
Movies & TV
Play music you love. No credit cards.
Spotify
Phone Link
Play
oftware
Install the Python IDLE.
Click here for the reference video of python installation.
Install the required python libraries:
Install Watson IoT Python SDK, Cloudant DB, pyzbar, OpenCV to integrate Cloud services, capture the data from the camera, and process the data stored in QR code using the python code.
Install the above libraries using the commands listed below one after the other in the command prompt.
pip install wiotp-sdk
pip install ibmcloudant
pip install opencv-python
pip install pyzbar
Download the required files from the link
Type here to search
25°C Cloudy
8:57 PM
11/4/2022


File Edit Selection View Go Run Terminal Help
Search
EXPLORER
OPEN EDITORS 1 unsaved
run.py D:\python files
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
Opening a folder will close all currently open editors. To keep them open, add a folder instead.
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.
OUTLINE
TIMELINE
run.py
D: > python files > run.py
mportwiotp.sdk.device
importtime
importrandom
myConfig={
"identity":{
"orgId":"gagtey",
"typeId":"GPS",
"deviceId":"12345"
},
"auth":{
"token":"12345678"
}
}
defmyCommandcallback(cmd):
print("messagereceivedfromIBMIOTPlatform:%s"%cmd.data['command'])
m=cmd.data['command']
client=wiotp.sdk.device.deviceclient(config=myConfig,logHandlers=None)
client.connect()
defpub(data):
client.publishEvent(eventId="status",msgFormat="json",data=mydata,qos=0,
print("publishedatasuccessfully:%s",mydata)
whileTrue:
mydata={'name':'Train1','lat':17.6387448,'lon':78.4754336}
pub(myData)
time.sleep(3)
#mydata={'name':'Train2','lat':17.6387448,'lon':78.4754336}
#pub(myData)
#time.sleep(3)
mydata={'name':'Train1','lat':17.6341908,'lon':78.4744722}
pub(myData)
time.sleep(3)
mydata={'name':'Train1','lat':17.6340889,'lon':78.4745052}
pub(myData)
time.sleep(3)
mydata={'name':'Train1','lat':17.6248626,'lon':78.4720259}
Do you want to install the recommended extensions for Python?
Install
Show Recommendations
Ln 47, Col 20
Spaces: 4
UTF-8
CRLF
Python
Go Live
Type here to search
25°C Cloudy
9:00 PM
11/4/2022


IDLE Shell 3.11.0
File Edit Shell Debug Options Window Help
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Ramchandra sharma")
Ramchandra sharma
>>>
Ln: 5 Col: 0
Type here to search
25°C Cloudy
9:06 PM
11/4/2022