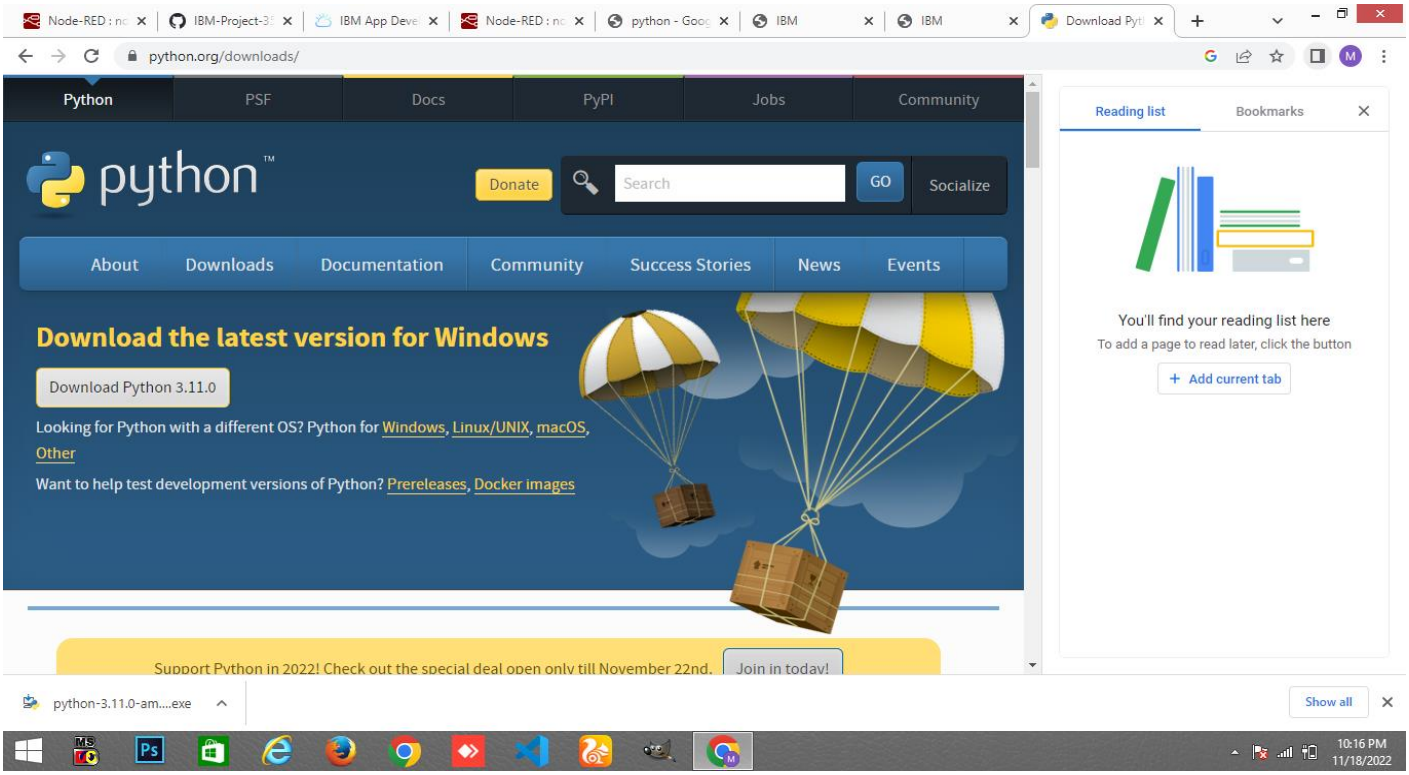
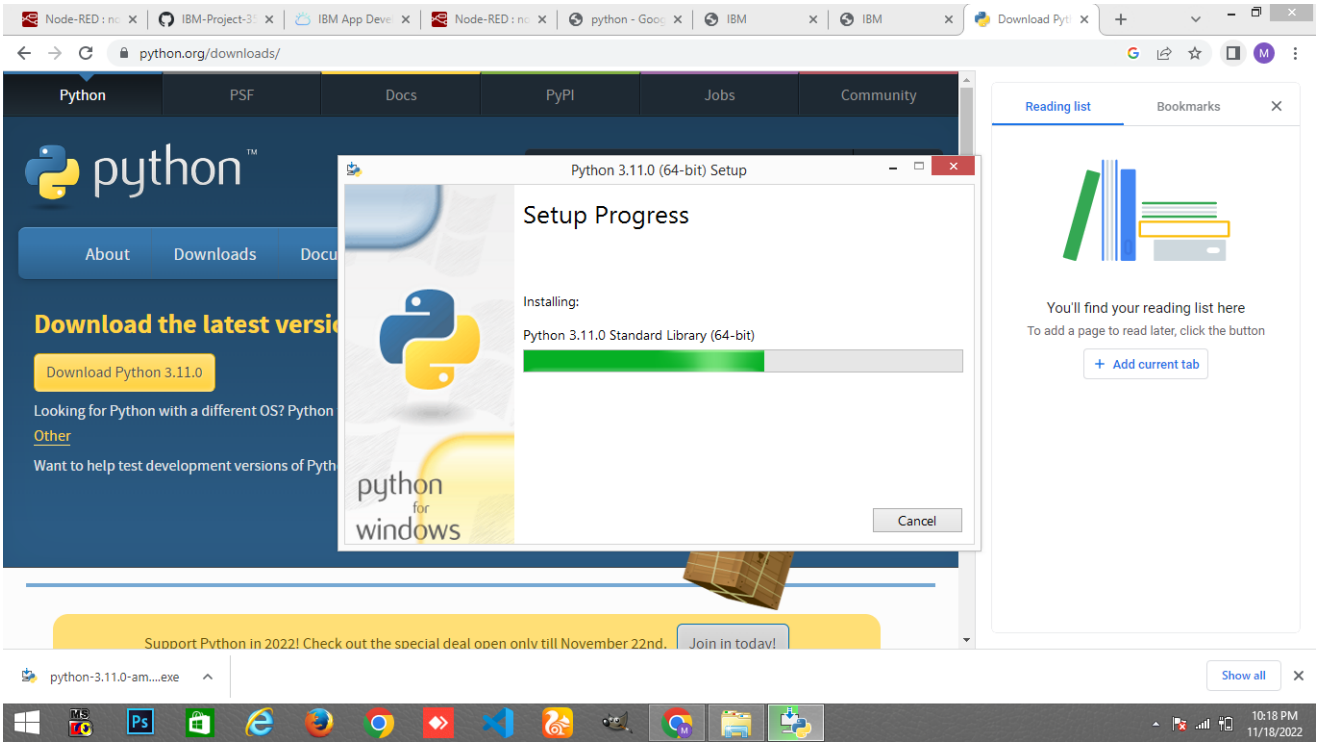
PYTHON SOFTWARE

Date	19 September 2022
Team ID	PNT2022TMID06124
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

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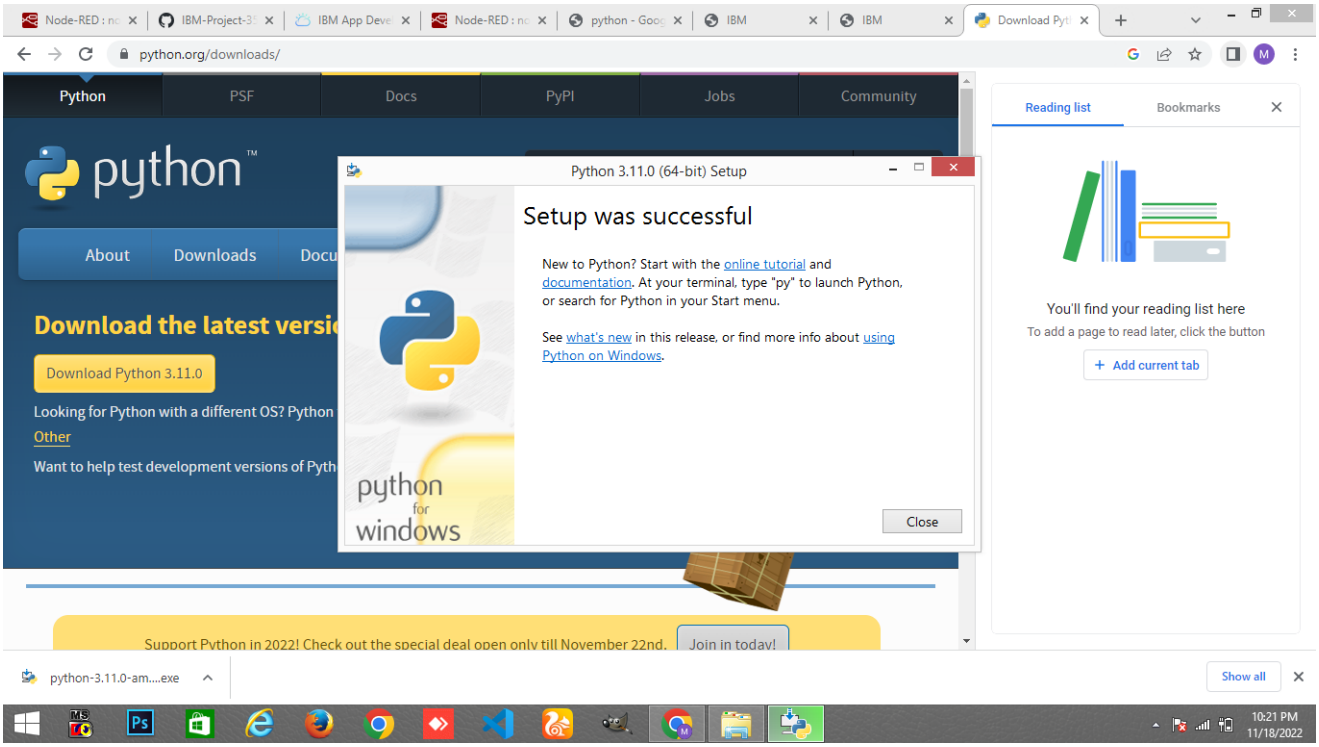
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PYTHON CODE:

```
import json
import wiotp.sdk.device
import time
myConfig = {
   "identity":{
      "orgId": "hj5fmy",
      "typeId": "NodeMCU",
      "deviceId":"12345"
},
"auth": {
"token":  "12345678"
 }
 }
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client. connect ()
while True:
name ="smart bridge"
#in area location
#latitude=17.4219272
#longitude=78.5488783
#out area location
latitude=17.4219272
longitude=78.5488783 myData= {'name':name,'lat': latitude, 'log': longitude}
client. publish Event (event ID="status", msgFormat="json",
 data=myData, qos=0, on publish=None)
print ("Data published to IBM IOT platform: "myData)
time. Sleep (5)
client. disconnect ()
```

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```
Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
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Type a number: 5
Type another number: 8
The sum is:  13
>>>
```