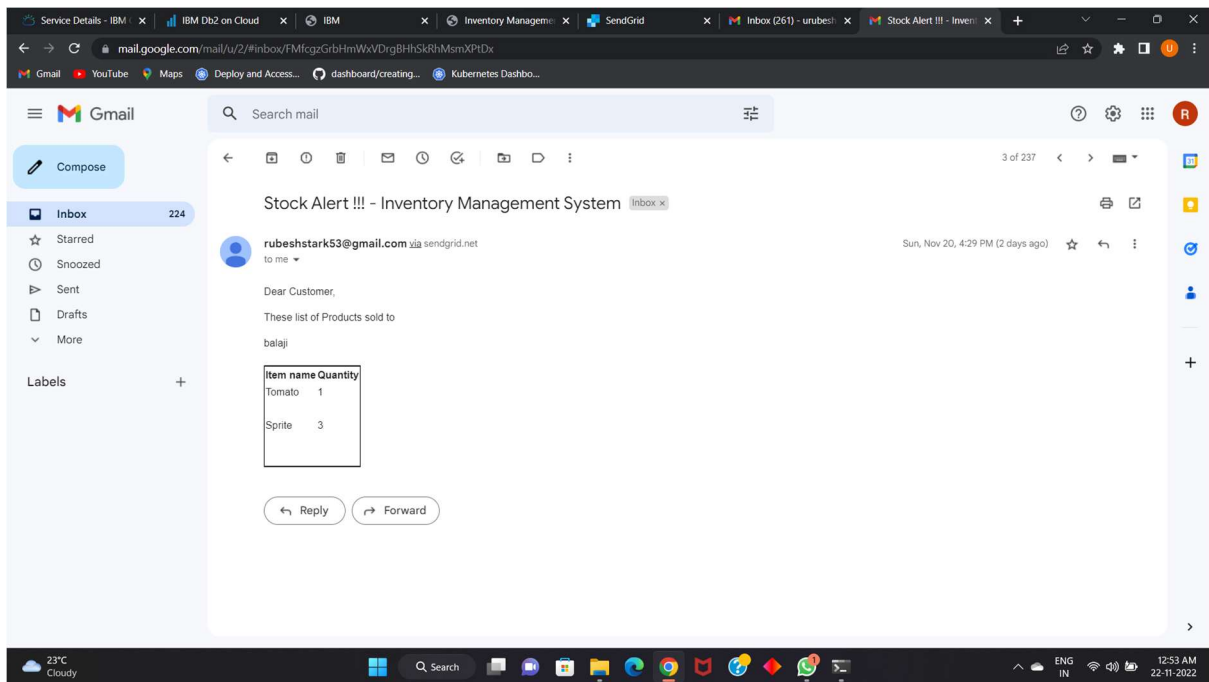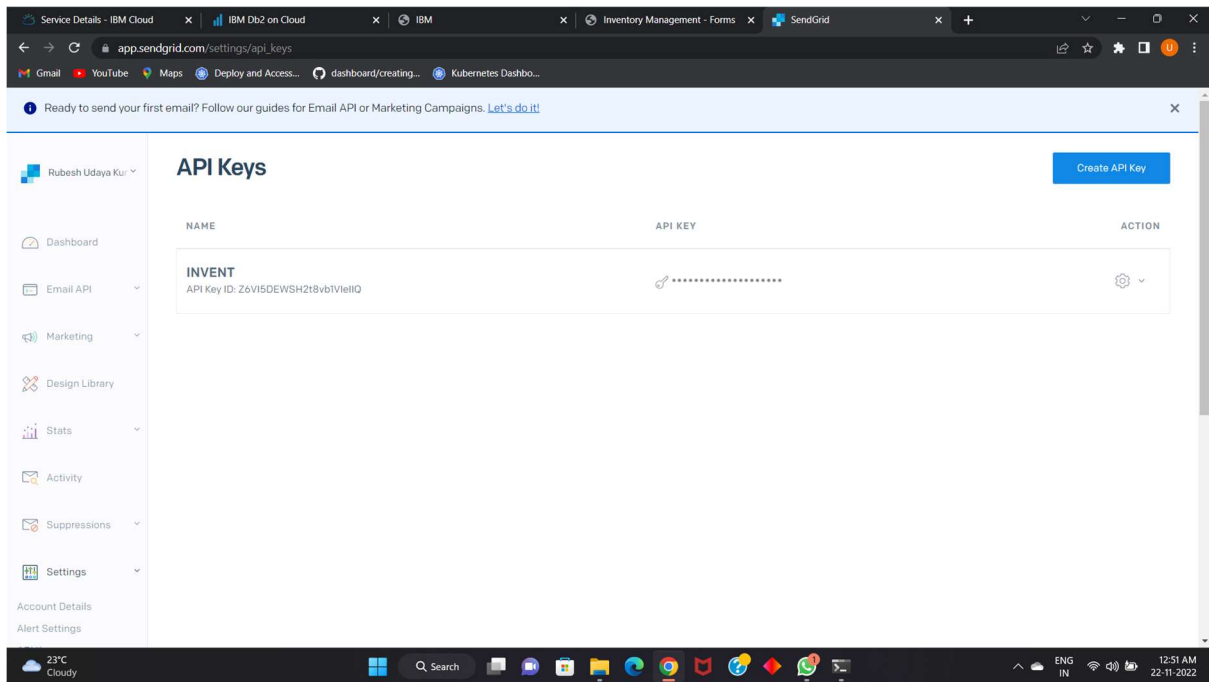# Integrating Send Grid Service

Python Code :

```python
from sendgrid import *
app=Flask(__name__)
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=3883e7e4-18f5-4afe-be8c-fa31c41761d2.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;SECURITY=SSL;PORT=31498;PROTOCOL=TCPIP;UID=nnm68033;PWD=DUTMGiDWgJy5zlS8","","")
def alert_mail(cname,items,quantity):
    print(cname,items,quantity)
    sg = sendgrid.SendGridAPIClient(api_key='SG.Z6VI5DEWSH2tZ6Z6VI5DEWSH2tZ6VI5DEWSH2tZ6VI5DEWSH2t')
    from_email = Email("rubeshstark53@gmail.com")
    global cusmail

    print(cusmail)
    to_email = To(cusmail)

    subject = "Stock Alert !!! - Inventory Management System"

    msg = '''
    <html>
    <body>
        <p>Dear Customer,</p>
```

```python
        <p>These list of Products sold to </p>
    '''

    msg+=cname

    msg+="<br/><br/><table style='border: 1px solid black; border-collapse: collapse;'><tr><th>Item name</th><th>Quantity</th></tr>"

    for i in range(len(items)):

        msg +="<tr><td>"+items[i]+"</td><td>"+quantity[i]+"</td></tr><br>"
    '''
    </table>

    <body>

    </html>
    '''

    content = Content("text/html", msg)

    mail = Mail(from_email, to_email, subject, content)
    mail_json = mail.get()
    response = sg.client.mail.send.post(request_body=mail_json)
```

```python
    print(response.status_code)
    print(response.headers)


if __name__=="__main__":
    app.run(host='0.0.0.0', port=5000, debug=True)
```