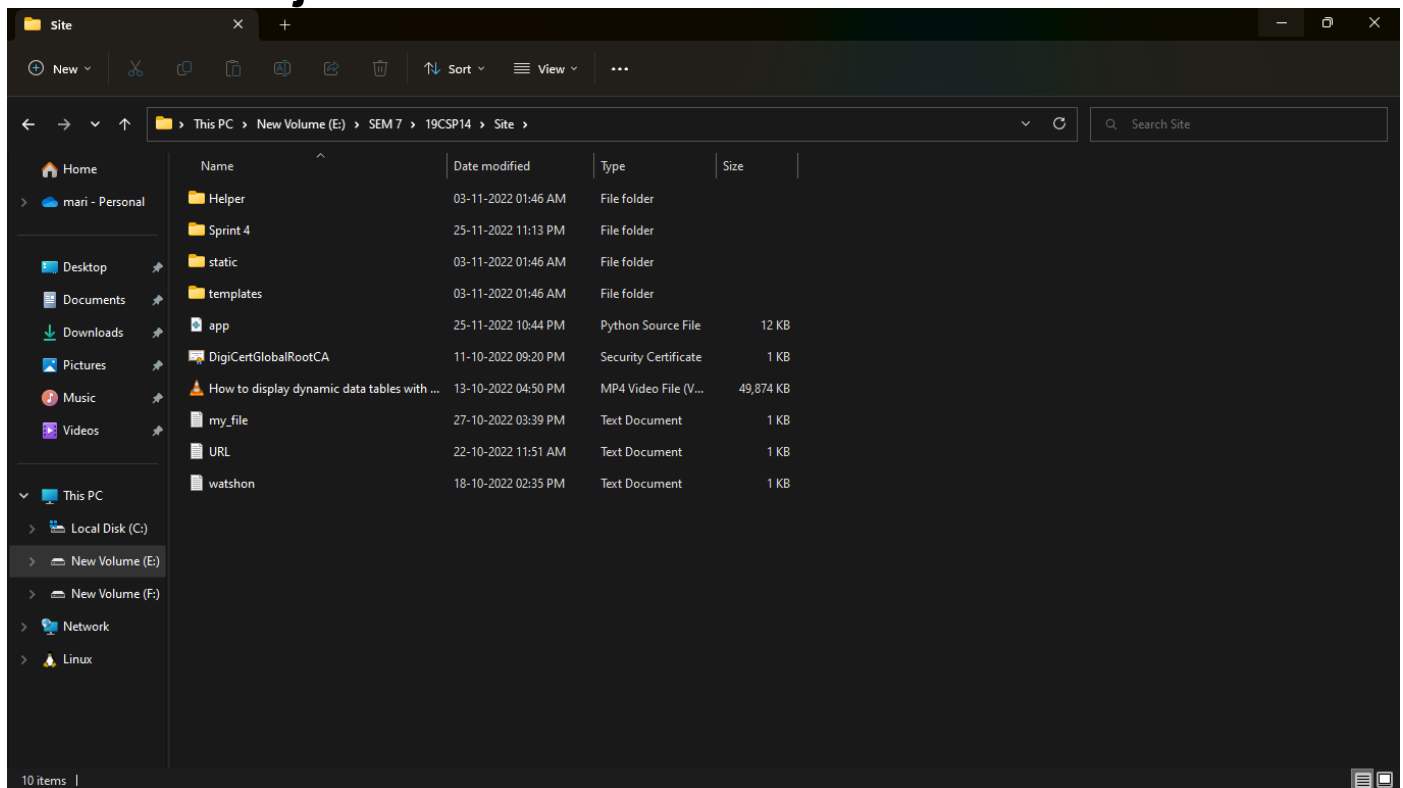


Setting Up Application Environment

Date	31 October 2022
Team ID	PNT2022TMID17815
Project Name	Inventory Management System for Retailers.

Flask Project:



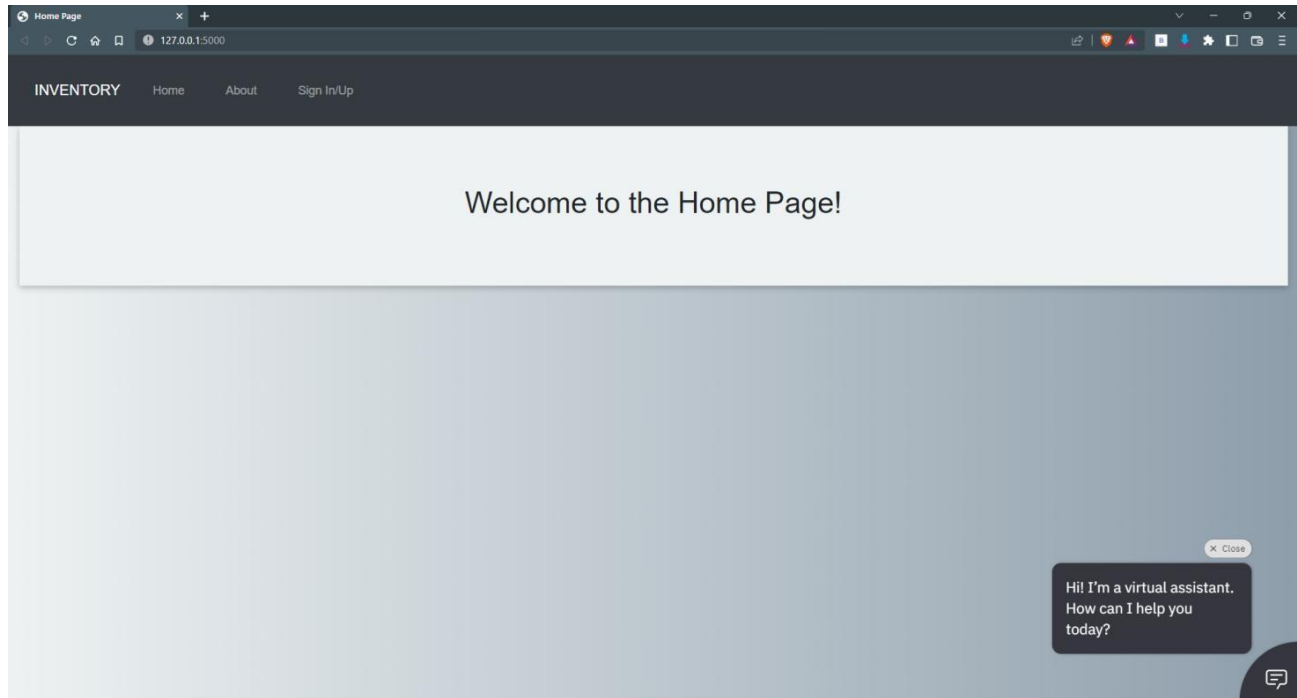
```
File Edit Selection View Go Run Terminal Help
app.py - Site - Visual Studio Code

EXPLORER
  SITE
    Helper
    static
    css
    images
    js
    templates
      Dashboard.html
      Login.html
      ManageStock.html
      ProductOverview.html
      Test.html
  app.py
  DigiCertGlobalRootCA.crt
  How to display dynamic ...
  my_file.txt
  URL.txt
  watshon.txt

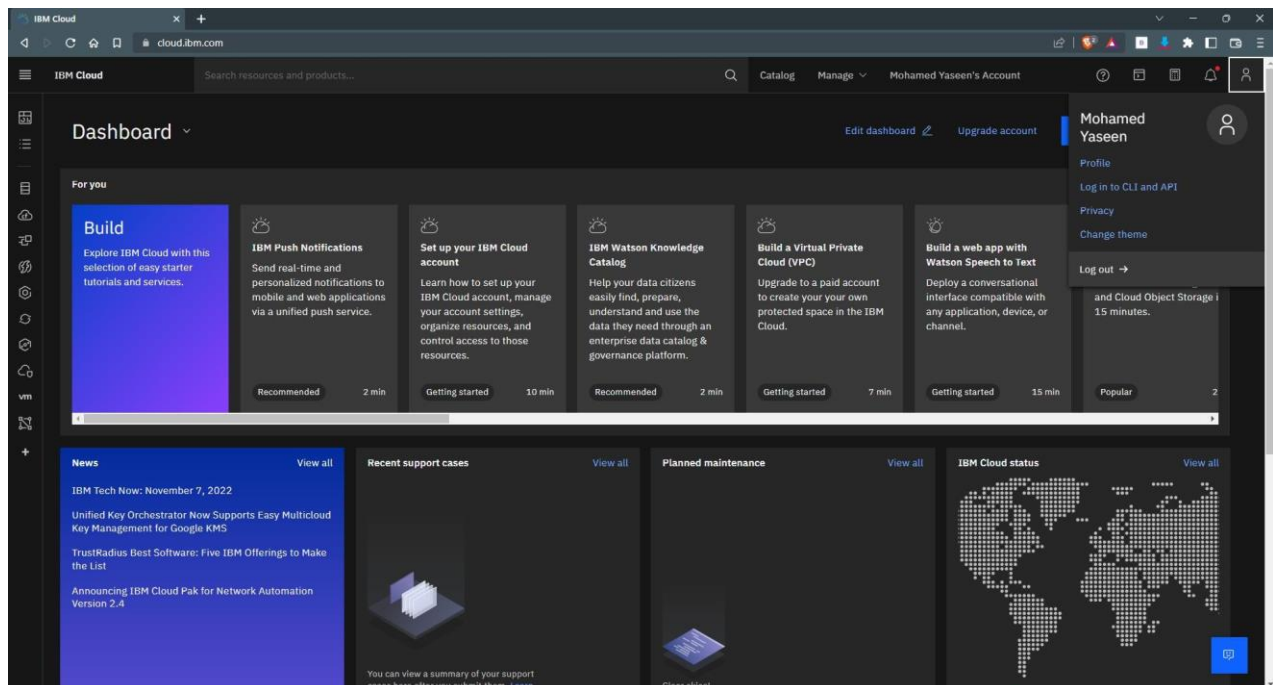
  OUTLINE
  TIMELINE

app.py x ManageStock.html ProductOverview.html Login.html Dashboard.html
app.py > login
24
25 cos = ibm_boto3.resource("s3",
26 ibm_api_key_id=COS_API_KEY_ID,
27 ibm_service_instance_id=COS_INSTANCE_CRN,
28 config=Config(signature_version="oauth"),
29 endpoint_url=COS_ENDPOINT
30 )
31
32 app = Flask(__name__)
33 app.secret_key = 'a'
34 conn = ibm_db.connect(("DATABASE=bludb;HOSTNAME=b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqnk39u98g.databases.appdomain.cloud;PORT=31249;SECURITY=SSL;SSL_VERIFY=0"))
35 @app.route('/')
36
37 def homer():
38     return render_template('Login.html')
39
40 @app.route('/Dashboard', methods = ['POST', "GET"])
41 def dashboard():
42     return render_template('Dashboard.html')
43
44 @app.route('/Overview', methods = ['POST', "GET"])
45 def overview():
46     stocks = ManageStock1()
47     return render_template('ProductOverview.html',stocks=stocks)
48
49 @app.route('/Login1', methods = ['POST', "GET"])
50 def login():
51     if request.method == 'POST':
52         userid = request.form.get("userid")
53         password = request.form.get("passwd")
54
55         if(userid!="" and password!=""):
56             sql = "select CONTACT from retailer where ID = ?"
57             stmt = ibm_db.prepare(conn, sql)
58             ibm_db.bind_param(stmt, 1, userid)
59             ibm_db.execute(stmt)
60             obj = ibm_db.fetch_assoc(stmt)
61             try:
62                 passwd_contact=int(obj['CONTACT'])
63                 actual_contact = int(password)
64             except:
65                 passwd_contact=0
```

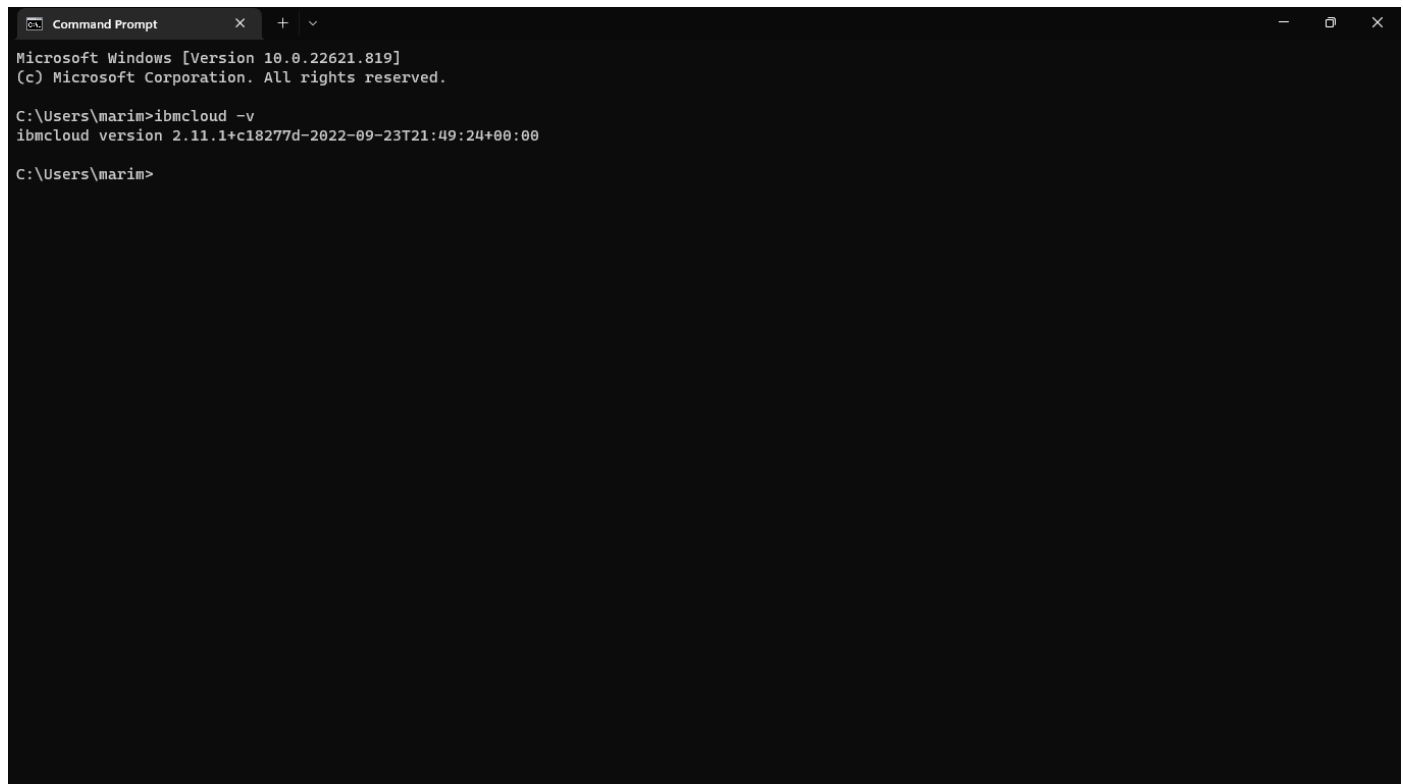
Ln 69, Col 43 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit Go Live



Create IBM Cloud Account:



Install IBM Cloud CLI:



A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt" with standard window controls. The text inside the window shows the system version and copyright information, followed by a command to check the version of the IBM Cloud CLI, which returns the version number 2.11.1 and a build identifier.

```
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Users\marim>ibmcloud -v
ibmcloud version 2.11.1+c18277d-2022-09-23T21:49:24+00:00

C:\Users\marim>
```

Docker Setup:

