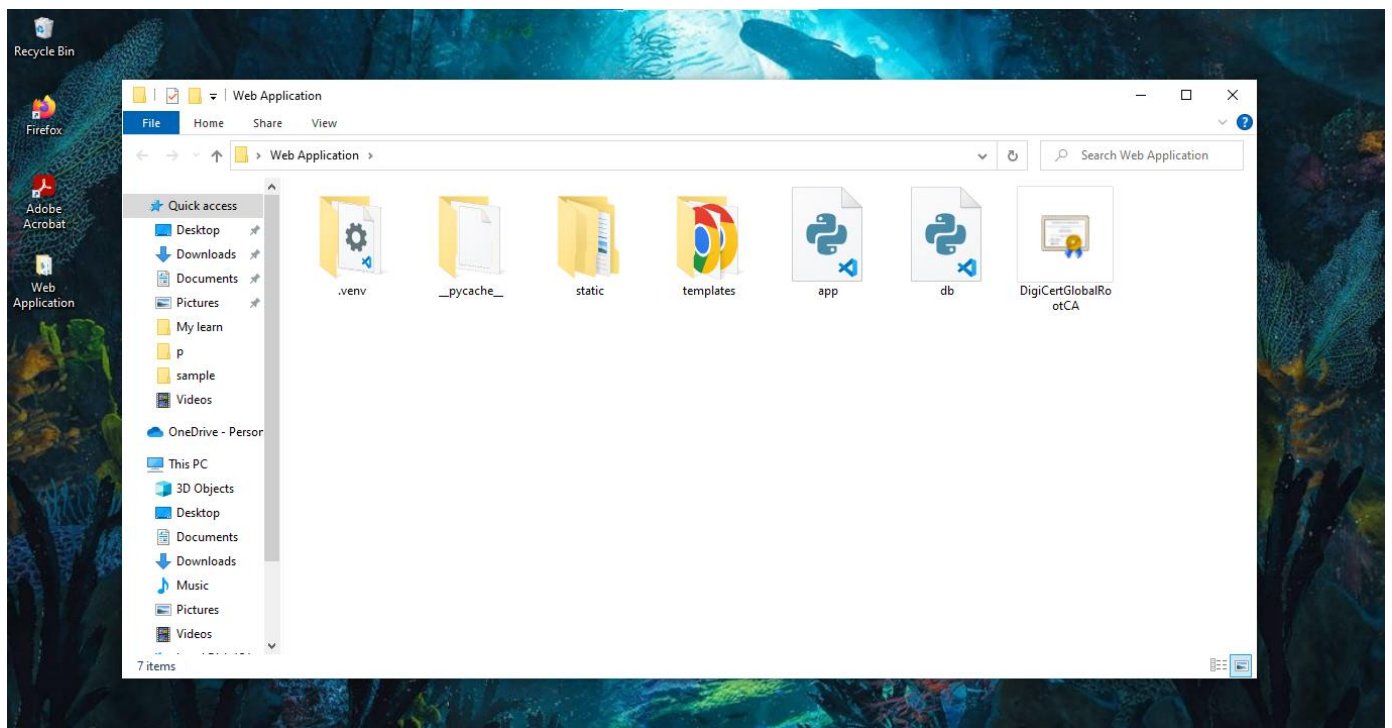


SPRINT-1

ENVIRONMENTAL SETUP

| | |
|--------------|--------------------------|
| Date | 26 Oct 2022 |
| Team ID | PNT2022TMID40310 |
| Project Name | PLASMA DONOR APPLICATION |

FLASK SETUP:

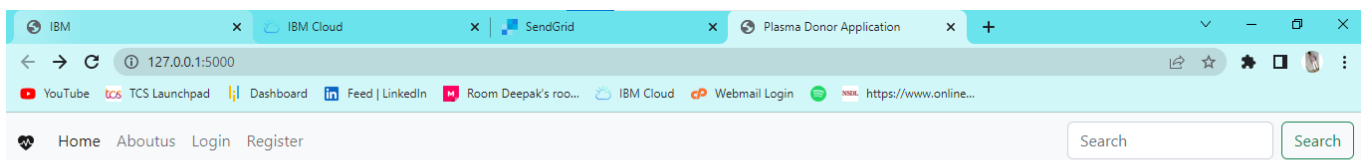


The screenshot shows the Visual Studio Code interface with a project named 'app.py - Web Application'. The Explorer sidebar on the left shows the file structure: 'app.py' (selected), 'db.py', and 'DigiCertGlobalRootCA.crt'. The main editor displays the code for 'app.py':

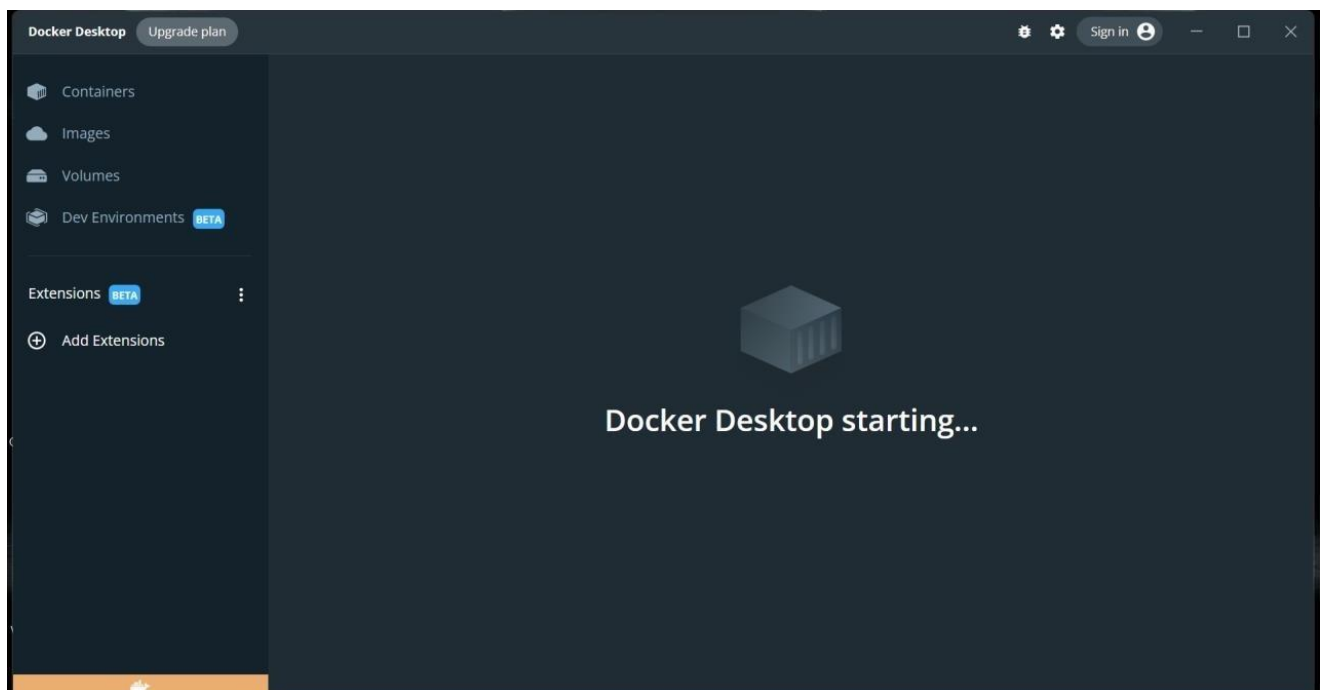
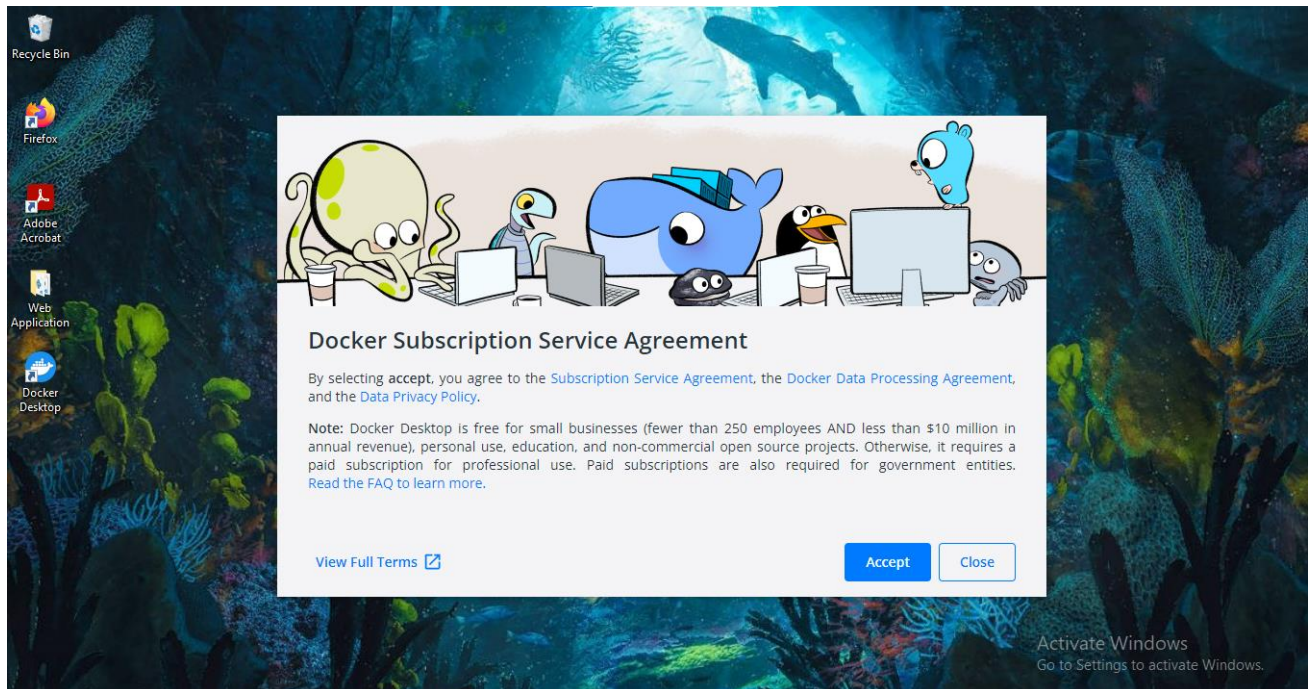
```
1 from flask import Flask, render_template, url_for, redirect, request
2
3 app = Flask(__name__)
4
5
6 @app.route("/")
7 def home():
8     return render_template("home.html")
9
10 @app.route("/login")
11 def login():
12     return render_template("login.html")
13
14
15
16 @app.route("/register/", methods=['GET', 'POST'])
17 def register():
18
19     if request.method == 'POST':
```

The bottom panel shows the TERMINAL output for the command 'python app.py':

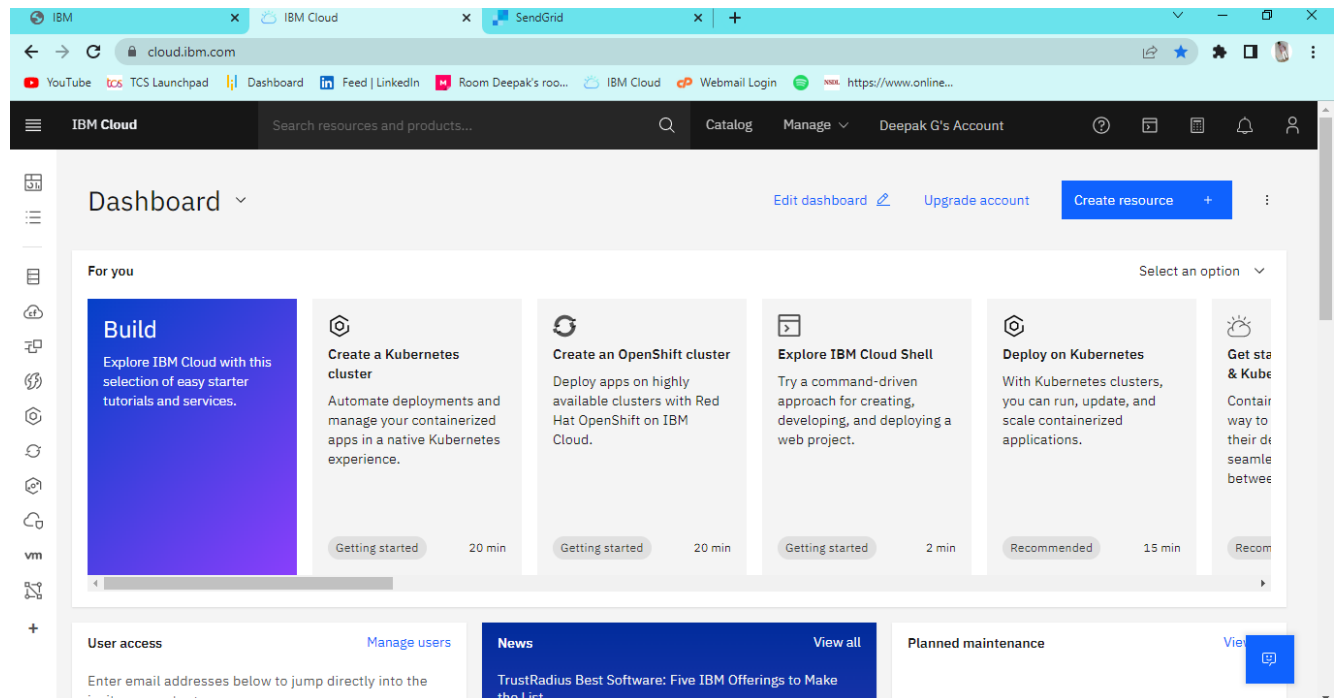
```
[notice] To update, run: C:\Users\Deepak\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.10_qbz5n2kfra8p0\python
n.exe -m pip install --upgrade pip
PS C:\Users\Deepak\Desktop\Web Application> python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 942-481-511
```



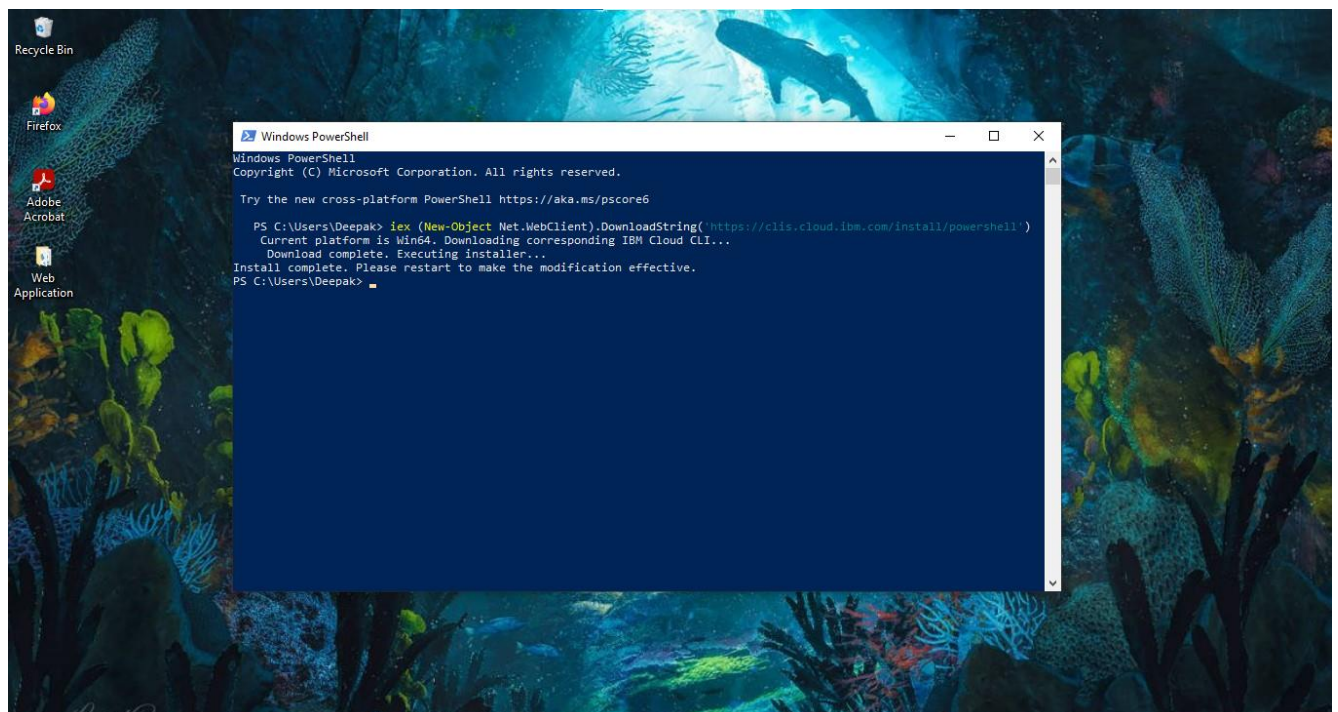
DOCKER SETUP:



COLUD ACCOUNT CREATION:



IBM CLOUD CLI INSTALL:



SENDGRID ACCOUNT CREATION:

The screenshot shows a web browser window with the URL `app.sendgrid.com/settings/api_keys`. The browser's address bar and tabs are visible at the top. The page has a light blue header with the SendGrid logo and a 'Create API Key' button in the top right corner. On the left, there is a sidebar menu with the following items: 'Deepak raj' (with a dropdown arrow), 'Dashboard', 'Email API' (with a dropdown arrow), 'Marketing' (with a dropdown arrow), 'Design Library', 'Stats' (with a dropdown arrow), 'Activity', 'Suppressions' (with a dropdown arrow), 'Settings' (with a dropdown arrow), and 'Account Details'. The main content area is titled 'API Keys' and contains a table with the following structure:

| NAME | API KEY | ACTION |
|---|----------------------|--------|
| plasmadonorapp API Key ID: 4p_cMb2BTxSndNMbtRuT6Q | •••••••••••••••••••• | |