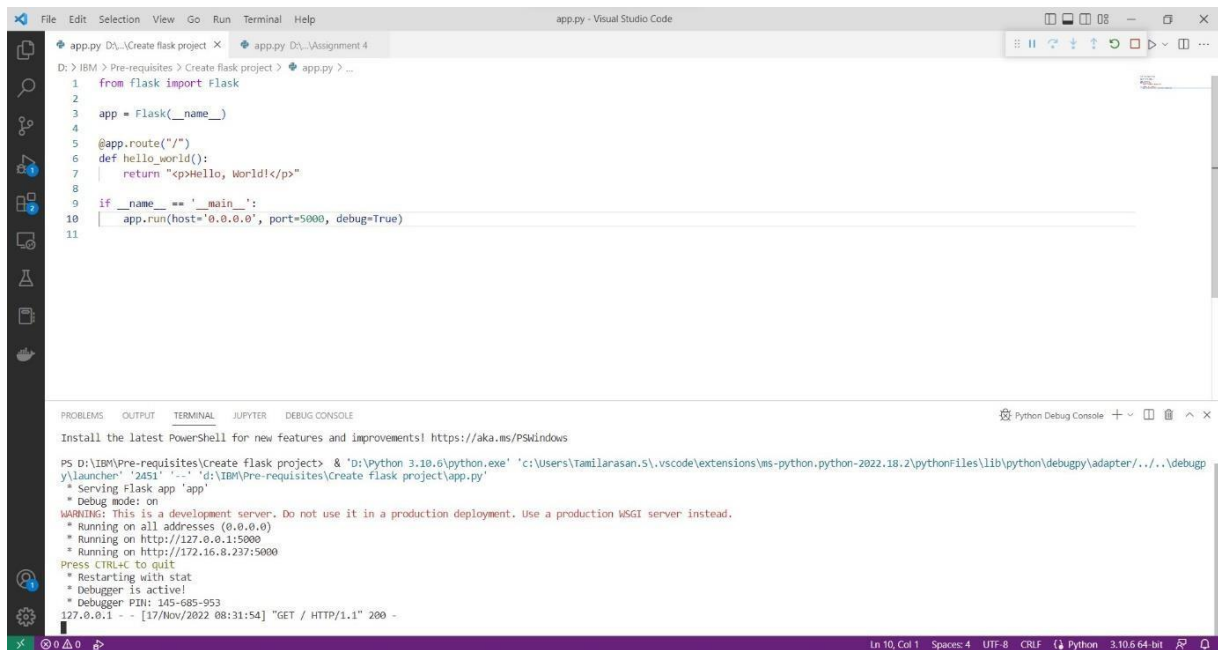


Setting Up Application Environment

Date	02 November 2022
Team ID	PNT2022TMID14438
Project Name	Project – Customer Care Registry

1. Create Flask Project



The screenshot shows the Visual Studio Code interface with a Python file named `app.py` open. The code defines a Flask application with a single route `/` that returns `"Hello, World!"`. The application is run using `app.run(host='0.0.0.0', port=5000, debug=True)`. The terminal output shows the command `python app.py` being executed, and the application running on `http://127.0.0.1:5000`. The status bar at the bottom indicates the Python version is 3.10.6 64-bit.

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def hello_world():
7     return "<p>Hello, World!</p>"
8
9 if __name__ == '__main__':
10     app.run(host='0.0.0.0', port=5000, debug=True)
11
```

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS D:\IBM\Pre-requisites\Create flask project> & 'D:\Python 3.10.6\python.exe' 'c:\Users\Tamilanasan.S\vscode\extensions\ms-python.python-2022.18.2\pythonFiles\lib\python\debuggy\adapter\...\debugpy\launcher' '2451' '-.' 'd:\IBM\Pre-requisites\Create flask project\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 all addresses (0.0.0.0)

* Running on http://127.0.0.1:5000

* Running on http://172.16.8.237:5000

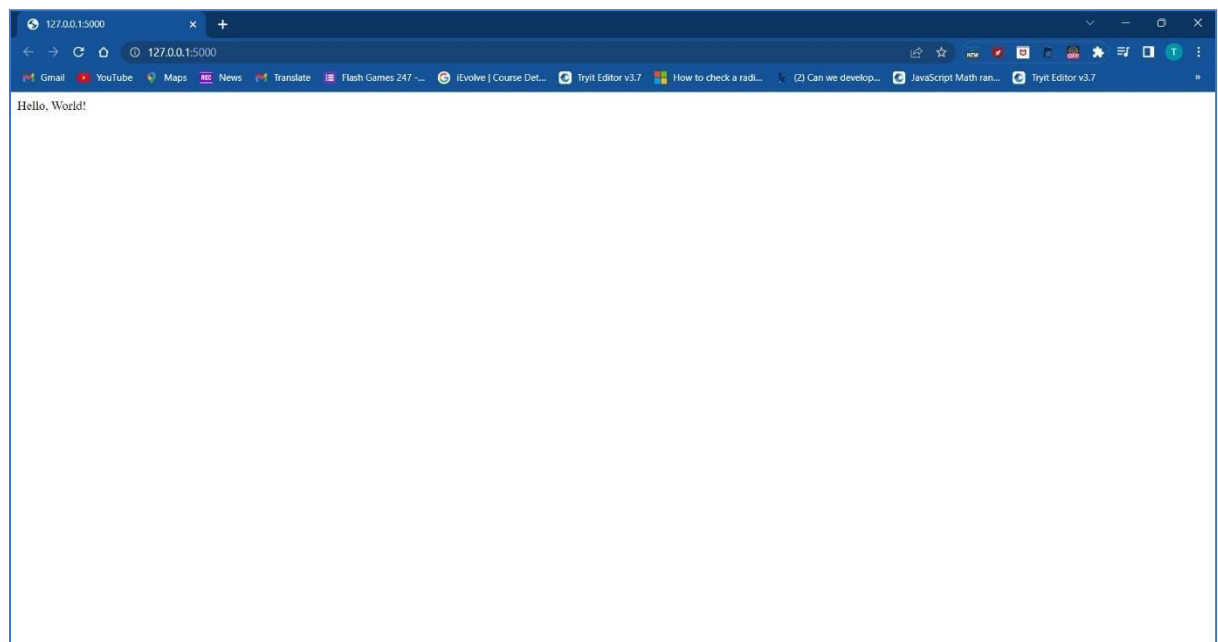
Press CTRL+C to quit

* Restarting with stat

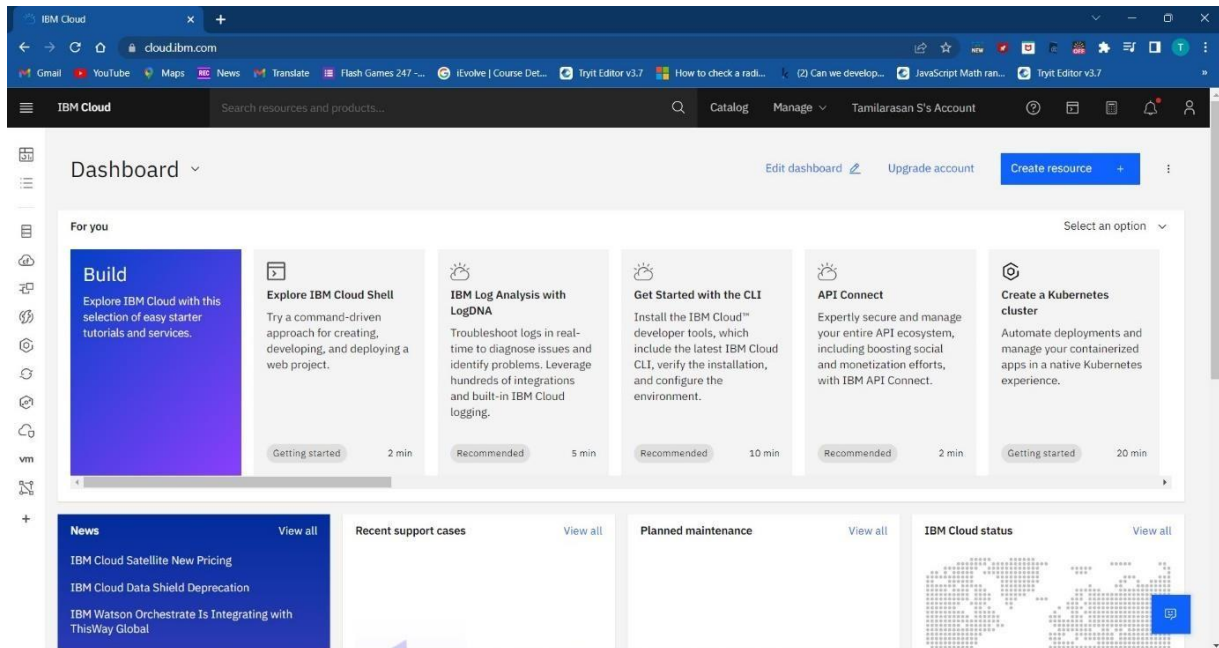
* Debugger is active!

* Debugger PIN: 145-685-953

127.0.0.1 - - [17/Nov/2022 08:31:54] "GET / HTTP/1.1" 200 -



2. Create IBM Cloud Account



3. Install IBM Cloud CLI

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Tamilarasan.S>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: eu-gb

Email> tamilthiru1428@gmail.com

Password>
Authenticating...
OK

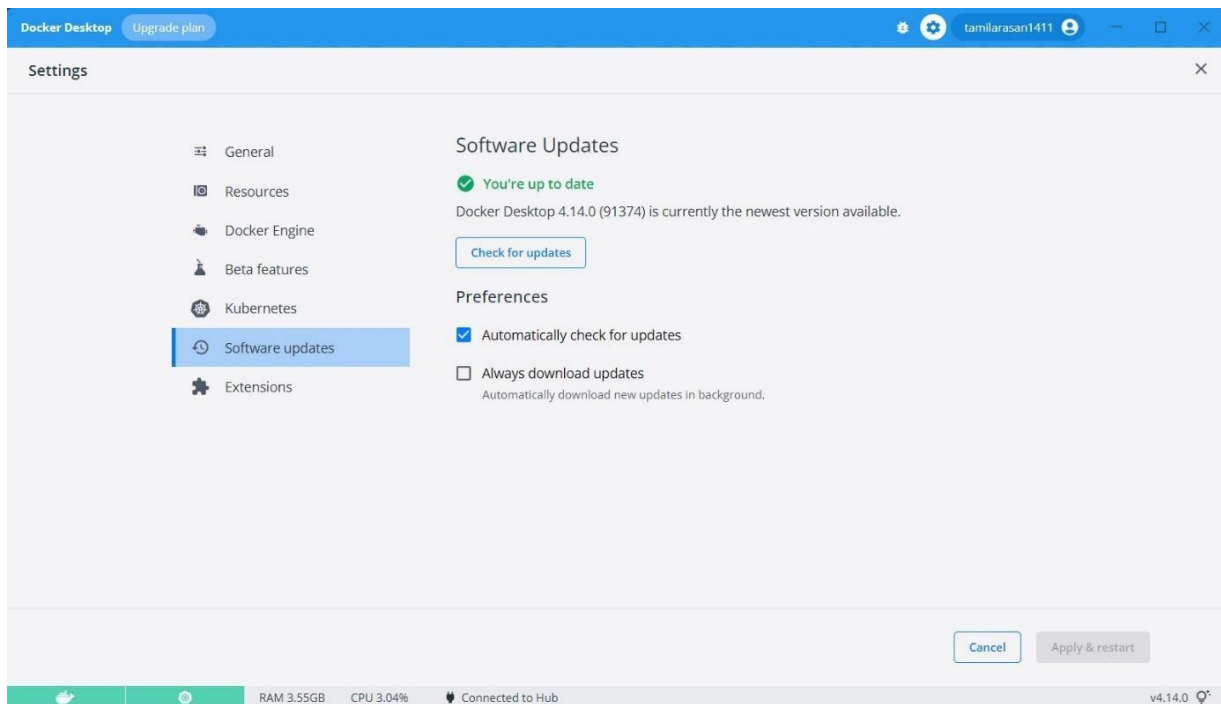
Targeted account Tamilarasan S's Account (1abfc63c80374666a7deffe6381bac63)

API endpoint: https://cloud.ibm.com
Region: eu-gb
User: tamilthiru1428@gmail.com
Account: Tamilarasan S's Account (1abfc63c80374666a7deffe6381bac63)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\Tamilarasan.S>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name          Version  Status  Private endpoints supported
container-registry    1.0.2   Status  true
```

4. Docker CLI Installation



5. Create an account in SendGrid

