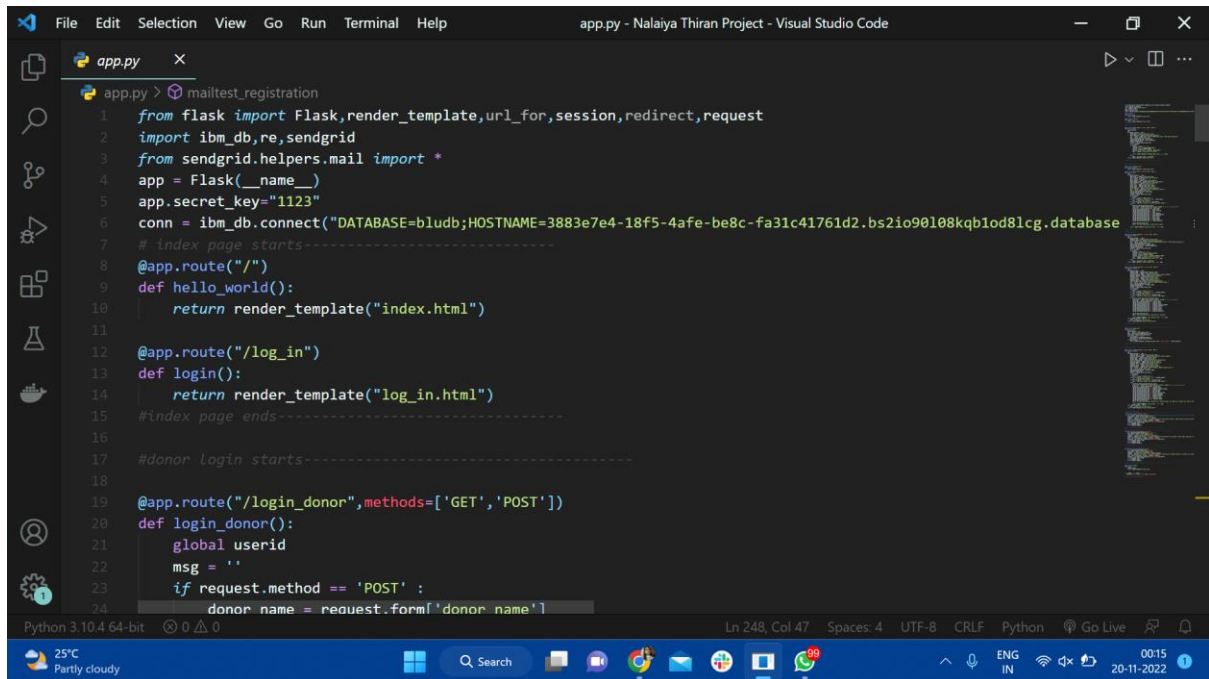
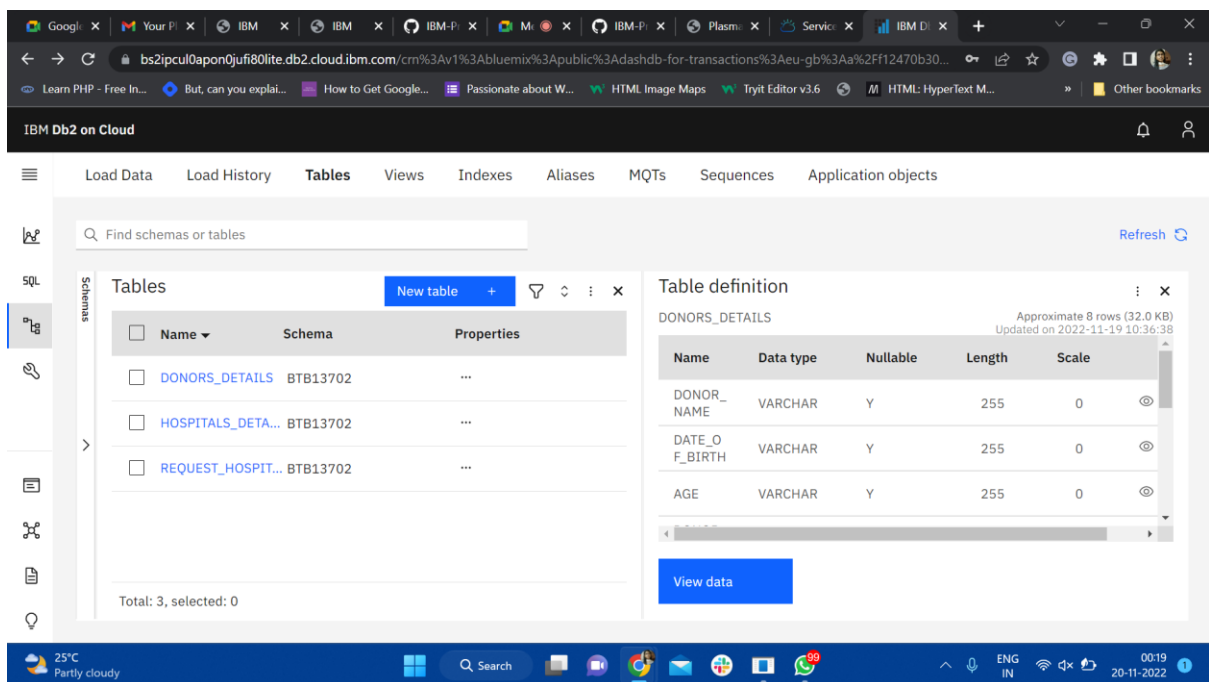


SPRINT 4 RESULTS



The screenshot shows a Visual Studio Code window with a Python file named `app.py`. The code is a Flask application for a mail registration system. It includes imports for Flask, IBM DB, and SendGrid. The application has routes for the index page, login, and a donor login endpoint. The donor login endpoint is currently commented out.

```
1 from flask import Flask, render_template, url_for, session, redirect, request
2 import ibm_db, re, sendgrid
3 from sendgrid.helpers.mail import *
4 app = Flask(__name__)
5 app.secret_key = "1123"
6 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=3883e7e4-18f5-4afe-be8c-fa31c41761d2.bs2io90108kqb1od81cg.database
7 # index page starts-----
8 @app.route("/")
9 def hello_world():
10     return render_template("index.html")
11
12 @app.route("/log_in")
13 def login():
14     return render_template("log_in.html")
15 #index page ends-----
16
17 #donor Login starts-----
18
19 @app.route("/login_donor", methods=['GET', 'POST'])
20 def login_donor():
21     global userid
22     msg = ''
23     if request.method == 'POST' :
24         donor_name = request.form['donor_name']
```



The screenshot shows the IBM Db2 on Cloud console. The 'Tables' tab is selected, and the 'DONORS_DETAILS' table is highlighted. The table definition is shown on the right, indicating it has approximately 8 rows (32.0 KB) and was updated on 2022-11-19 10:36:38.

Name	Data type	Nullable	Length	Scale
DONOR_NAME	VARCHAR	Y	255	0
DATE_OF_BIRTH	VARCHAR	Y	255	0
AGE	VARCHAR	Y	255	0

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

BTB13702.DONORS_DETAILS

Back

Export to CSV

DONOR_NAME	DATE_OF_BIRTH	AGE	DONOR_GENDER	DONOR_BLOOD_GROUP	DONOR_ADDRESS	DONOR_CITY	DONOR_STA
Rohan	2003-06-04	19	Male	A+ve	64 part, Lakshmi Narayana Perumal koil street	Chennai	Tamil Nadu
Vignesh M A	1999-09-24	23	Male	A+ve	23, Gandhi street, Villupuram-78.	Villupuram	Tamilnadu
akila	2022-11-17	18	Female	A+ve	64 part, Lakshmi Narayana Perumal koil street	Chennai	Tamil Nadu
sharath	2022-11-24	21	Male	A+ve	64 part, Lakshmi Narayana Perumal koil street	Chennai	Tamil Nadu

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

BTB13702.HOSPITALS_DETAILS

Back

Export to CSV

HOSPITAL_NAME	HOSPITAL_DATE	HOSPITAL_CONTACT_NUMBER	HOSPITAL_ADDRESS	HOSPITAL_CITY	HOSPITAL_STATE	HOSPITAL_EMAIL
Korean	2019-06-05	3476546789	64 part, Lakshmi Narayana Perumal koil street	Chennai	Tamil Nadu	anushav5610@i
Perambur Govt Hospital	2014-06-12	8745324565	102, teachers colony, perambur, chennai-99	Chennai	Tamil Nadu	anushav5610@i
Shine	2016-06-08	87654238765	105, Teachers Colony, Chennai-99	Chennai	Tamil Nadu	anushav5610@i
apollo	2019-07-18	567456784	24, Gandhi Street, Ambattur, Chennai-99	Chennai	Tamil Nadu	apollo@

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

BTB13702.REQUEST_HOSPITAL_DETAILS

Export to CSV

HOSPITAL_NAME	HOSPITAL_CONTACT_NUMBER	PATIENT_NAME	PATIENT_AGE	PATIENT_BLOOD_GROUP	CAUSE_OF_PLASMA	HOSPITAL_ADDRESS
Anbu	67367456456	Geetha	50	A+ve	liver disease	24, G Amb...
Arathi	09962984860	Geetha	50	A+ve	liver disease	64 pe Naray street
Childs Hospital	87645637286	Geetha	50	A+ve	liver disease	24, G Amb...
Korean	7456456456	Geetha	50	A+ve	liver disease	24, G Amb...

Plasma Donor Application

What is plasma Donation?

In a plasma-only donation, the liquid portion of the donor's blood is separated from the cells. Blood is drawn from one donor and the plasma is collected. The donor's red blood cells and platelets are then returned to the donor along with some saline solution. This process takes about 15 to 20 minutes longer than donating whole blood. Donated plasma is frozen within 24 hours of being donated to preserve it for up to one year and thawed for transfusion to a patient when needed.

[Donate Plasma through our application](#)

Why there is a need of plasma donation?

Plasma is beneficial to a wide variety of patients. Children and adults with cancer, including leukemia, need plasma transfusions. Other users are people undergoing

Hi! I'm a virtual assistant. How can I help you today?

hi

Example: Reschedule Appointment

Example: Verify Appointment

Type something...

Built with IBM Watson®

KUBERNETES:

The screenshot shows the Kubernetes dashboard interface. The top navigation bar includes the Kubernetes logo, a dropdown menu set to 'default', a search bar, and icons for adding, alerting, and user management. The left sidebar contains a menu with categories: Workloads (selected), Service, and Config and Storage. Under Workloads, there are links for Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, and Stateful Sets. The main content area is titled 'Workload Status' and displays three large green circles representing the status of Deployments, Pods, and Replica Sets. Below this, there is a table for Deployments with columns: Name, Images, Labels, Pods, and Created. The table shows one deployment named 'flask-app' with 3 pods running, created 4 minutes ago.

Workload Status

Running: 1 Deployments

Running: 3 Pods

Running: 1 Replica Sets

Deployments

Name	Images	Labels	Pods	Created
flask-app	Show all	-	3 / 3	4 minutes ago

The screenshot shows the Kubernetes dashboard interface, specifically the 'Pods' view. The top navigation bar is the same as the previous screenshot. The left sidebar is also the same, but the 'Pods' link is selected. The main content area is titled 'Pods' and displays two charts: 'CPU Usage' and 'Memory Usage', both showing 'Waiting for more data to display chart...'. Below the charts is a table for Pods with columns: Name, Images, Labels, Node, Status, Restarts, CPU Usage (cores), Memory Usage (bytes), and Created. The table shows three pods. The first pod is 'flask-app-7b85db5f9c-jmh9n' with status 'Running', 0 restarts, 3.00m CPU usage, and 58.07MiB memory usage. The second pod is 'flask-app-7b85db5f9c-lrvq8' with status 'Error', 5 restarts, and 4 minutes ago creation time. The third pod is 'flask-app-7b85db5f9c-zfwk5' with status 'Running', 0 restarts, 3.00m CPU usage, and 58.23MiB memory usage.

CPU Usage

Waiting for more data to display chart...

Memory Usage

Waiting for more data to display chart...

Pods

Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
flask-app-7b85db5f9c-jmh9n	Show all	Show all	10.144.212.128	Running	0	3.00m	58.07MiB	4 minutes ago
flask-app-7b85db5f9c-lrvq8	Show all	Show all	10.144.212.128	Error	5	-	-	4 minutes ago
flask-app-7b85db5f9c-zfwk5	Show all	Show all	10.144.212.128	Running	0	3.00m	58.23MiB	4 minutes ago

mycluster-free - IBM Cloudmycluster-free - Kubernetes DashboardPlasma Donor Application

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdsd1qm100prkc8o98n0/service/#/ingress?namespace=default

IEPPIAAR ENGINEE...Plasma Donor Appli...

kubernetes

default

Search

+🔔👤

Service > Ingresses

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Persistent Volume Claims

Ingresses

Name	Labels	Endpoints	Hosts	Created
flask-app-ingress	-	-	-	4 minutes ago

Waiting for eu-de.containers.cloud.ibm.com...

27°C
Haze

ENG
US18:46
19-11-2022