

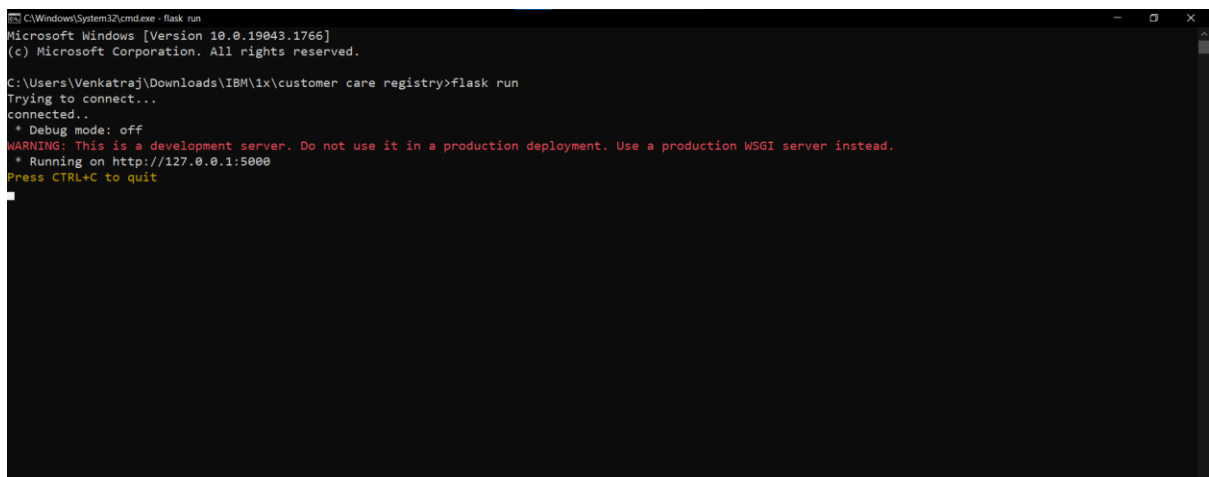
IMPLEMENTING WEB APPLICATION

Create IBM DB2 and connect with python

```
2  from flask import Flask, render_template, request, redirect,
    session, url_for
3  import ibm_db
4  import re
5
6
7  app = Flask(__name__)
8
9
10 # for connection
11 # conn= ""
12
13 app.secret_key = 'a'
14 print("Trying to connect...")
15 conn = ibm_db.connect(
    "DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-9991-629c01b3832d
    .bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;SE
    CURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=
    qvk70423;PWD=sadlGasU4iQy1yvk;", '', '')
16 print("connected..")
```

SETTING UP APPLICATION ENVIRONMENT

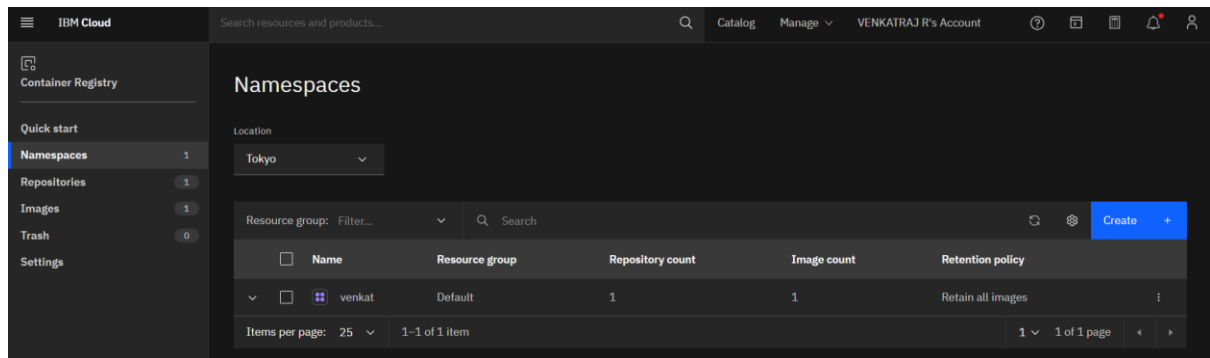
Create Flask project



```
C:\Windows\System32\cmd.exe - flask run
Microsoft Windows [Version 10.0.19043.1766]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Venkatraj\Downloads\IBM\1x\customer care registry>flask run
Trying to connect...
connected..
 * Debug mode: off
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
```

Create IBM Cloud Account



Install IBM Cloud CLI

```
C:\Users\Venkatraj\Downloads\IBM\1x\customer care registry>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name                                Version    Status    Private endpoints supported
container-registry                         1.0.2      true
container-service[kubernetes-service/ks]  1.0.459    false
observe-service[ob]                       1.0.82     false

C:\Users\Venkatraj\Downloads\IBM\1x\customer care registry>
```

Docker CLI Installation

```
C:\Users\Venkatraj\Downloads\IBM\1x\customer care registry>docker -v
Docker version 20.10.21, build baeda1f

C:\Users\Venkatraj\Downloads\IBM\1x\customer care registry>
```