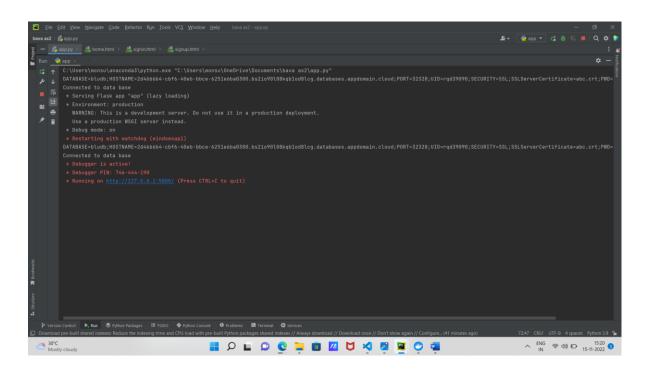
ASSIGNMENT 2 Assignment Date 15.11.2022 Student Name Bava Rohith M Student Roll Number 913019104006 Maximum Marks 2 Marks

QUESTION:

1.Create a Flask App:

```
from markupsafe import escape
app = Flask( name )
hostname = "2d46b6b4-cbf6-40eb-bbce-
uid = "rqd39090"
pwd = "rJSVLAsw5oJ6Qc02"
driver = "{IBM DB2 ODBC DRIVER}"
db = "bludb"
port = "32328"
protocol = "TCPIP"
cert = "abc.crt"
dsn = (
```

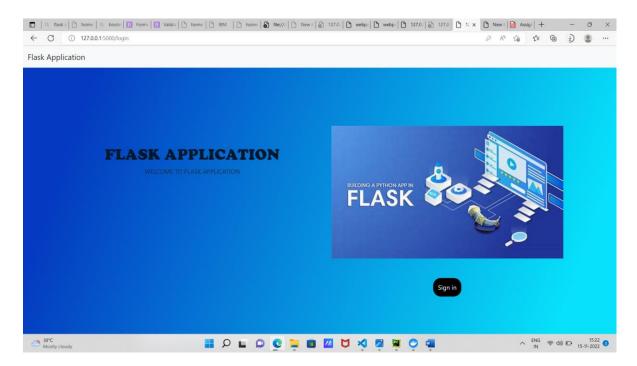
```
ibm db.execute(stmt)
app.run (debug=True)
```



2. ADD THE HOME AND ABOUT PAGE:

```
<html>
<head>
k
fref="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2J10vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
crossorigin="anonymous">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
OERcA2EqjJCMA+/3y+gx1OqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.mi
n.js" integrity="sha384-
OBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.min.js
"integrity="sha384-
IDwel+LC2D2ROU9k972gdyv1+AESN10+x7tBKgc9I5HFtuNzOwWnPclzo6p9vxnk"
crossorigin="anonymous"></script>
</head>
</style>
body
```

```
<a class="navbar-brand" href="#">Flask Application</a>
45); margin-top: 200px; ">FLASK APPLICATION</h1>{ {msg}}
        </div>
        <img src="static\images\img.jpg" width="600px;" style="margin-top:</pre>
                <input type="submit" value="Sign in" style="margin-top:</pre>
50px; background-color: black; color: aliceblue; padding: 10px; border-
      </div>
```

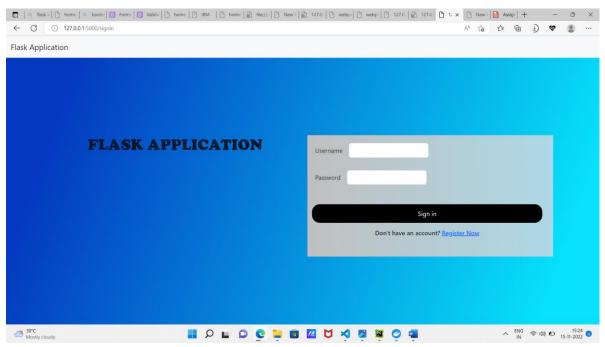


3.ADD THE BOOTSTRAP:

```
<head>
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2J10vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
crossorigin="anonymous">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.mi
n.js" integrity="sha384-
OBqDVmMz9ATKxIep9tiCxs/z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.min.js
"integrity="sha384-
IDwel+LCz02ROU9k97zgdyvl+AESN10+x7tBKgc9I5HFtuNz0wWnPclzo6p9vxnk"
crossorigin="anonymous"></script>
</head>
```

4.SIGN IN PAGE:

```
{% block content %}
<center>
  <form class="was-validated" action = "{{ url_for('log_in') }}" method = "POST">
  <div style="background-image: linear-gradient(to right,black,white,silver,black);</pre>
                                                                               width:fit-content;
borderradius: 30px; margin:50px;">
<div style="padding:30px;">
    padding: 15px; width: fit-content; border-radius: 30px;">Log in</h2>
   <br>
    <div class="col">
      <div class="badge bg-primary text-wrap" style="width: 8rem; padding-top: 10px;">
      <label for="username" class="form-label">Username </label>
      <font color="white">:</font>
     <input type="text" class="col" placeholder="Enter a Username" name="username">
   <br>
   <div class="col">
    <div class="badge bg-primary text-wrap" style="width: 8rem; padding-top: 10px;">
    <label for="Email" class="form-label">Password </label>
    <font color="white">:</font>
   <input type="text" class="col" placeholder="Enter Password" name="password">
```

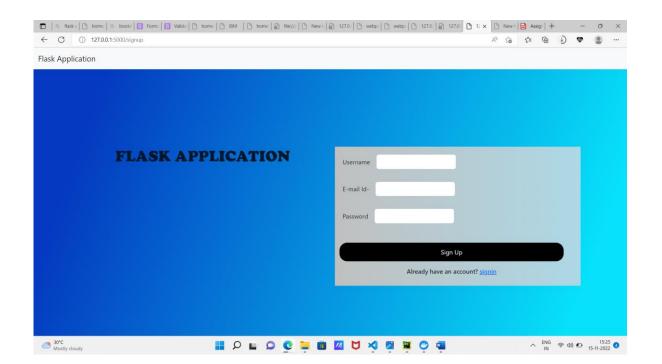


5.SIGN UP PAGE:

```
{% extends 'home.html' %}

{% block content %}

<form action="/register" method="post" style="margin-top:200px;
background-image:linear-gradient(to right,silver,lightblue); width:fit-content; padding:20px; ">
```



5.DATABASE CONNECTIVITY:

```
import ibm_db
hostname = "2d46b6b4-cbf6-40eb-bbce-
6251e6ba0300.bs2io90108kqblod8lcg.databases.appdomain.cloud"
uid = "rqd39090"
pwd = "rJSVLAsw5oJ6Qc02"
driver = "{IBM DB2 ODBC DRIVER}"
db = "bludb"
port = "32328"
protocol = "TCPIP"
cert = "abc.crt"

dsn = (
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "UID={3};"
    "SECURITY=SSL;"
    "SSLServerCertificate={4};"
    "PMD={5};"
).format(db, hostname, port, uid, cert, pwd)
print(dsn)
try:
    db2 = ibm_db.connect(dsn, "", "")
    print("Connected to data base")
except:
    print("Unable to connect", ibm_db.conn_errormsg())
```

OUTPUT:

```
Die Sen Jew Bangure (Die Sehnor Agn Jone NG Sendor Agn Jone NG Sendor
```

DATABASE LIST:

