DATE	15 November 2022
TEAM ID	PNT2022TMID13832
PROJECT NAME	Inventory Management System for Retailers

Connect IBM DB to Python Code

```python
import ibm_db

hostname="19af6446-6171-4641-8aba-
9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"

uid="yrx08873"

pwd="3q2cVkfmwZwvH8UU"

driver="{IBM DB2 ODBC DRIVER}"

db="bludb"

port="30699"

protocol="TCP/IP"

cert="Certificate.crt"

dsn=(
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
```

```python
    "UID={3};"

    "SECURITY=SSL;"

    "SSLServerCertificate={4};"

    "PWD={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())
```

IBM-PROJECT-33281-1660217783 [CODESPACES]
> Assignment
  > Prabe deva-TM3
  > silambarasan-TL
  > thavasi-TM1
  > vijaya shankar P-TM2
> Implementing-Web-Application / Create ...
  > Output
  > Project
  Certificate.crt   U
  cloud_ibm_db.py   1, U
> preDevelopment
> projectDevelopmentPhase
> Setting Up the Environment

Implementing-Web-Application > Create UI to interact with web apllication > cloud_ibm_db.py > ...

```python
1    import ibm_db
2    hostname="19af6446-6171-4641-8aba-9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"
3
4    uid="yrx08873"
5    pwd="3q2cVkfmwZwvH8UU"
6    driver="{IBM DB2 ODBC DRIVER}"
7    db="bludb"
8    port="30699"
9    protocol="TCP/IP"
10   cert="Certificate.crt"
11
12   dsn=(
13       "DATABASE={0};"
14       "HOSTNAME={1};"
15       "PORT={2};"
```

PROBLEMS 13   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   JUPYTER

```
@silambarasanv79 →/workspaces/IBM-Project-33281-1660217783/Implementing-Web-Application/Create UI to interact  with web apllica
tion (main X) $ python cloud_ibm_db.py
DATABASE=bludb;HOSTNAME=19af6446-6171-4641-8aba-9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30699;UID=yrx08
873;SECURITY=SSL;SSLServerCertificate=Certificate.crt;PWD=3q2cVkfmwZwvH8UU;
connected to data base
@silambarasanv79 →/workspaces/IBM-Project-33281-1660217783/Implementing-Web-Application/Create UI to interact  with web apllica
tion (main X) $
```

bash
Python
bash Imple...
bash Imple...
bash Create ...

> OUTLINE
> TIMELINE