

ASSIGNMENT 4

QUESTION : Create a table using sql query and connect with IBM database

PROGRAM

```
import ibm_db

hostname="54a2f15b-5c0f-46df-8954-
7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"
uid="kgg08718"
pwd="deqP1YOEclGBm6Hm"
driver="(IBM DB2 ODBC DRIVER)"
db="bludb"
port="32733"
protocol="TCPIP"
cert="certificate.crt.crt"

dsn=("DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "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 database")
except:
    print("unable to connect",ibm_db.conn_errormsg())
```

table%20creation (2)

```
CREATE TABLE Persons (
    PersonID int,
    LastName varchar(255),
    FirstName varchar(255),
    Address1 varchar(255),
    City varchar(255)
);

CREATE TABLE Persons1 (
    MemberID int,
    name1 varchar(255),
```

```
district varchar(255),  
Village varchar(255)  
);
```

```
CREATE TABLE Persons2 (  
    phone int,  
    about varchar(255),  
    firstname varchar(255),  
    kuttynname varchar(255),  
    City varchar(255)  
);
```

```
CREATE TABLE Persons3 (  
    sno int,  
    comment1 varchar(255),  
    mothername varchar(255),  
    fathername varchar(255)  
);
```

```
CREATE TABLE Persons4 (  
  
    sistername varchar(255),  
    brothername varchar(255),  
    grandpaname varchar(255)  
  
);
```

```
INSERT INTO persons VALUES ('1','Cardinal', 'Tom B. Erichsen', 'Skagen 21', 'Stavange');  
INSERT INTO persons VALUES ('2','pradeesh', 'Toper', 'class leader', 'xman');
```

```
UPDATE persons  
SET Lastname = 'priya', FirstName = 'vino'  
WHERE PersonID = 1;
```

```
DELETE FROM persons WHERE firstname='vino';
```