

Step 1:

```
import ibm_db
```

Step2:

```
dsn_hostname = "YourDb2Hostname"
```

```
dsn_uid = "YourDb2Username"
```

```
dsn_pwd = "YourDb2Password"
```

```
dsn_driver = "{IBM DB2 ODBC DRIVER}"
```

```
dsn_database = "BLUDB"
```

```
dsn_port = "50000"
```

```
dsn_protocol = "TCPIP"
```

Step3:

```
dsn = (
```

```
"DRIVER={0};"
```

```
"DATABASE={1};"
```

```
"HOSTNAME={2}; "
```

```
"PORT={3};"
```

```
"PROTOCOL={4}; "
```

```
"UID={5};"
```

```
"PWD={6};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol, dsn_uid,  
dsn_pwd)
```

```
print (dsn)
```

Step 4:

```
try:
```

```
conn = ibm_db.connect(dsn, "", "")
```

```
print ("Connected to database: ", dsn_database, "as user: ", dsn_uid, "on host: ", dsn_hostname)
```

```
except:
```

```
print ("Unable to connect: ", ibm_db.conn_errormsg() )
```

```
Step5:
```

```
server = ibm_db.server_info(conn)
```

```
print ("DBMS NAME: ", server.DBMS_NAME)
```

```
print ("DBMS VER: ", server.DBMS_VER)
```

```
print ("DB_NAME: ", server.DB_NAME)
```


