Implementing Web Application

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Project Name	Inventory Managment System For Retailers

STEPS TO CREATE IBM DB2 AND CONNECTION WITH PYTHON

Import Python Library :

pip install --force-reinstall ibm_db==3.1.0 ibm_db_sa==0.3.7 import

ibm_db

Create the DB2 database connection:

dsn = ("DRIVER={0};" "DATABASE={1};" "HOSTNAME={2};" "PORT={3};" "PROTOCOL={4};"

   "UID={5};" "PWD={6};" "SECURITY={7};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol, dsn_uid, dsn_pwd,dsn_security) print(dsn)

Now establish the connection to the database

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())

server = ibm_db.server_info(conn)

print ("DBMS_NAME: ", server.DBMS_NAME)

print ("DBMS_VER: ", server.DBMS_VER)

print ("DB_NAME: ", server.DB_NAME)

client = ibm_db.client_info(conn)

print ("DRIVER_NAME: ", client.DRIVER_NAME) print

("DRIVER_VER: ", client.DRIVER_VER) print

("DATA_SOURCE_NAME: ", client.DATA_SOURCE_NAME) print

("DRIVER_ODBC_VER: ", client.DRIVER_ODBC_VER) print

("ODBC_VER: ", client.ODBC_VER)

print ("ODBC_SQL_CONFORMANCE: ", client.ODBC_SQL_CONFORMANCE)

print ("APPL_CODEPAGE: ", client.APPL_CODEPAGE) print

("CONN_CODEPAGE: ", client.CONN_CODEPAGE)

Close the Connection:

ibm_db.close(conn)