

Team Members	Tony David Raj M Shankarash R Udaya Kiran s Shanjay V
Team ID	PNT2022TMID13856
Project Name	Inventory Management System for Retailers
Maximum Marks	4 marks

The screenshot displays a VS Code workspace for a project named 'IBM-PROJECT-33769-1660226626'. The Explorer panel on the left shows the file structure, including 'cloud\_ibm\_db2', 'certificate.crt', and 'ibmcloud.py'. The main editor window shows the contents of 'ibmcloud.py', which is a Python script that imports the 'ibm\_db' module and configures a database connection using a certificate. The script sets the following variables:

```

1 import ibm_db
2
3 hostname="ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.clogj3sd0tgtu0lqde00.databases.appdomain.cloud"
4
5 uid="dxr98149"
6 pwd="cjzLqEk1hndfvy0e"
7 driver="{IBM DB2 ODBC DRIVER}"
8 db="bludb"
9 port="31321"
10 protocol="TCP/IP"
11 ssl_certificate=certificate.crt
12
13 dsn=(

```

The TERMINAL panel at the bottom shows the execution of the script. The user runs 'python ibmcloud.py' in the 'cloud\_ibm\_db2' directory. The output indicates that the database connection was successful:

```

@Tony25-2002 -> /workspaces/IBM-Project-33769-1660226626/cloud_ibm_db2 (main) $ python ibmcloud.py
bash: ibmcloud.py: command not found
@Tony25-2002 -> /workspaces/IBM-Project-33769-1660226626/cloud_ibm_db2 (main) $ python ibmcloud.py
DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=31321;UID=dxr98149;SECURITY=SSL;SSLServerCertificate=certificate.crt;PWD=cjzLqEk1hndfvy0e;
connected to data base
@Tony25-2002 -> /workspaces/IBM-Project-33769-1660226626/cloud_ibm_db2 (main) $

```

The status bar at the bottom of the editor shows the current file is 'ibmcloud.py' at line 12, column 1, with 336 characters selected. The workspace is named 'main' and the editor is running Python 3.10.4 64-bit.