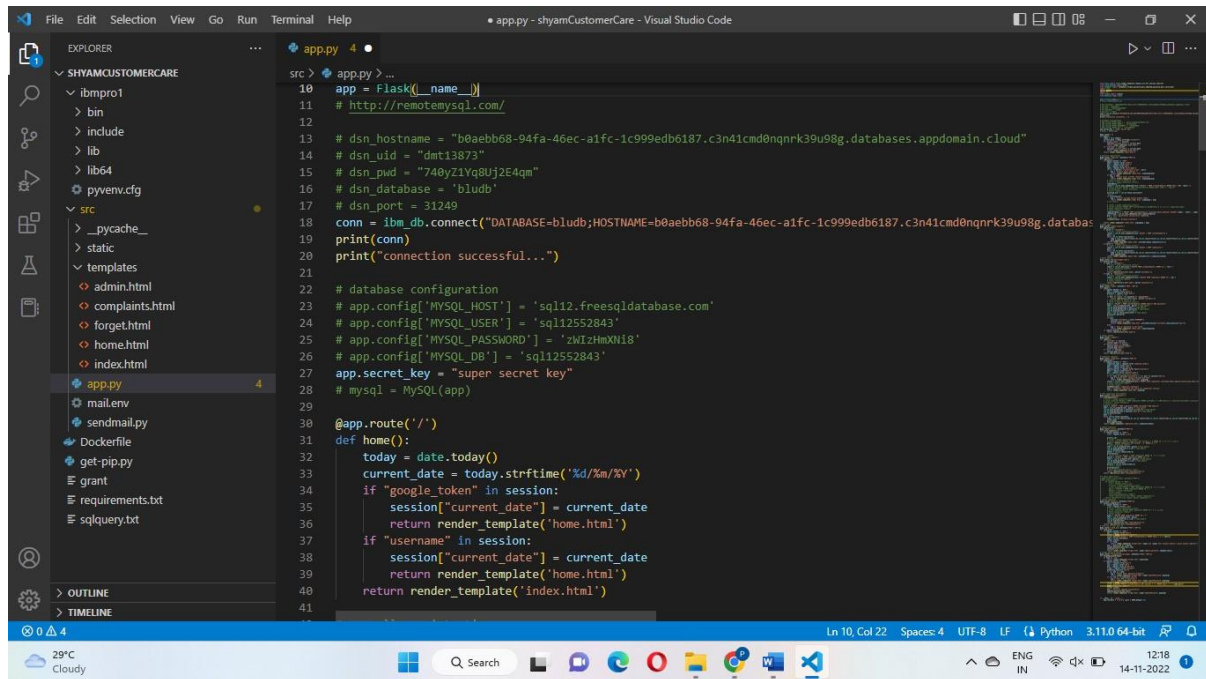


CREATE IBM DB2 AND CONNECT WITH PYTHON

Date	14 November 2022
Team ID	PNT2022TMID30039
Project Name	Customer care Registry



The screenshot displays a Visual Studio Code editor window with a Python file named `app.py` open. The file contains a Flask application setup for connecting to an IBM DB2 database. The code includes the following elements:

- Imports:** `Flask` from `flask` and `ibm_db` from `ibm_db`.
- App Initialization:** `app = Flask(__name__)` with a comment pointing to `http://remotemysql.com/`.
- Database Connection:** A connection string is constructed using `dsn_hostname`, `dsn_uid`, `dsn_pwd`, `dsn_database`, and `dsn_port`. The connection is established using `conn = ibm_db.connect()`, and a success message is printed.
- Database Configuration:** Configuration for a MySQL database (likely a placeholder or mislabeled) is shown with `app.config['MYSQL_HOST']`, `app.config['MYSQL_USER']`, `app.config['MYSQL_PASSWORD']`, and `app.config['MYSQL_DB']`.
- Secret Key:** `app.secret_key = "super secret key"`.
- MySQL Object:** `mysql = MySQL(app)`.
- Routes:** A `@app.route('/')` decorator is used for the `home()` function. Inside `home()`, the current date is retrieved and stored in the session. If a `google_token` is present, the session is updated with the current date and the `home.html` template is rendered. If a `username` is present, the session is updated with the current date and the `home.html` template is rendered. Otherwise, the `index.html` template is rendered.

The bottom status bar of the editor shows the file is at line 10, column 22, with 4 spaces, in UTF-8 encoding, using the LF line ending, and the Python interpreter is set to 3.11.0 64-bit. The system tray at the bottom indicates a temperature of 29°C, cloudy weather, and the date 14-11-2022.