Date	7-11 2022
Team ID	PNT2022TMID26204
Project Name	Personal Expense Tracker Application
Marks	8 marks

Source Code

Steps:

1. **Connect to IBM DB2**
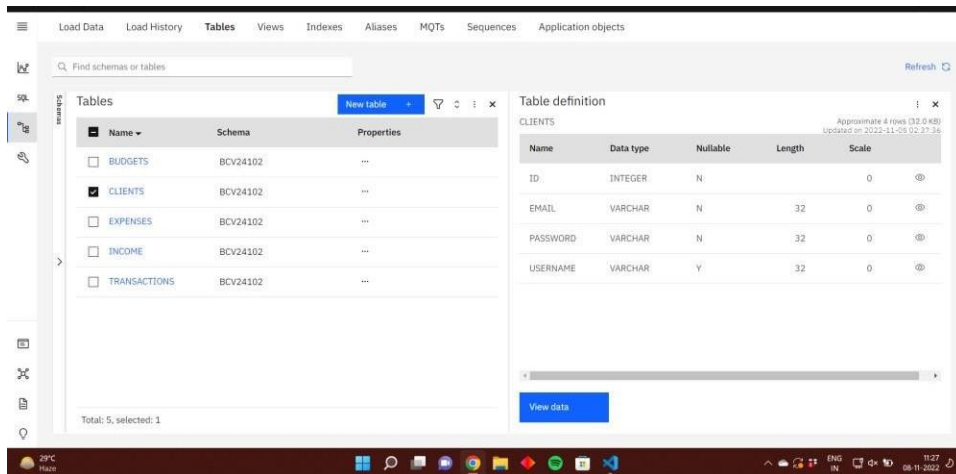

```
conn = ibm_db.connect("DATABASE=bludb;"  "HOSTNAME=6667d8e9-9d4d-4ccb-ba32-
21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;"

   "PORT=30376;""SECURITY=SSL;"

   "SSLServerCertificate=C:/Users/bhaua/OneDrive/Desktop/SEM Stuff

   KCT/IBM/DigiCertGlobalRootCA.crt;"

   "UID=bcv24102;"

   "PWD=ilZgx2Zokf2nJOCW;","",

   "",)
```

```python
@app.route("/login", methods=["GET", "POST"])
def login():
    msg = ""
    if request.method == "POST":
        username = request.form["username"]
        password = request.form["password"]
        sql = "SELECT clients.*,budgets.MAXBUDGET FROM clients LEFT JOIN BUDGETS ON CLIENTS.ID=BUDGETS.ID WHERE username =? AND password
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, username)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        # print(account)
        if account:
            session["Loggedin"] = True
            session["id"] = account["ID"]
            session["email"] = account["EMAIL"]
            session["username"] = account["USERNAME"]
            session["budget"] = account["MAXBUDGET"]
            print(session["Loggedin"])
            return redirect("/dashboard")
        else:
            msg = "Incorrect login credentials"
    flash(msg)
    return render_template("login.html", title="Login")


@app.route("/register", methods=["GET", "POST"])
def register():
    msg = ""
    if request.method == "POST":
        username = request.form["username"]
        email = request.form["email"]
        password = request.form["password"]
        password1 = request.form["password1"]
        sql = "SELECT * FROM CLIENTS WHERE username =? or email=? "
```