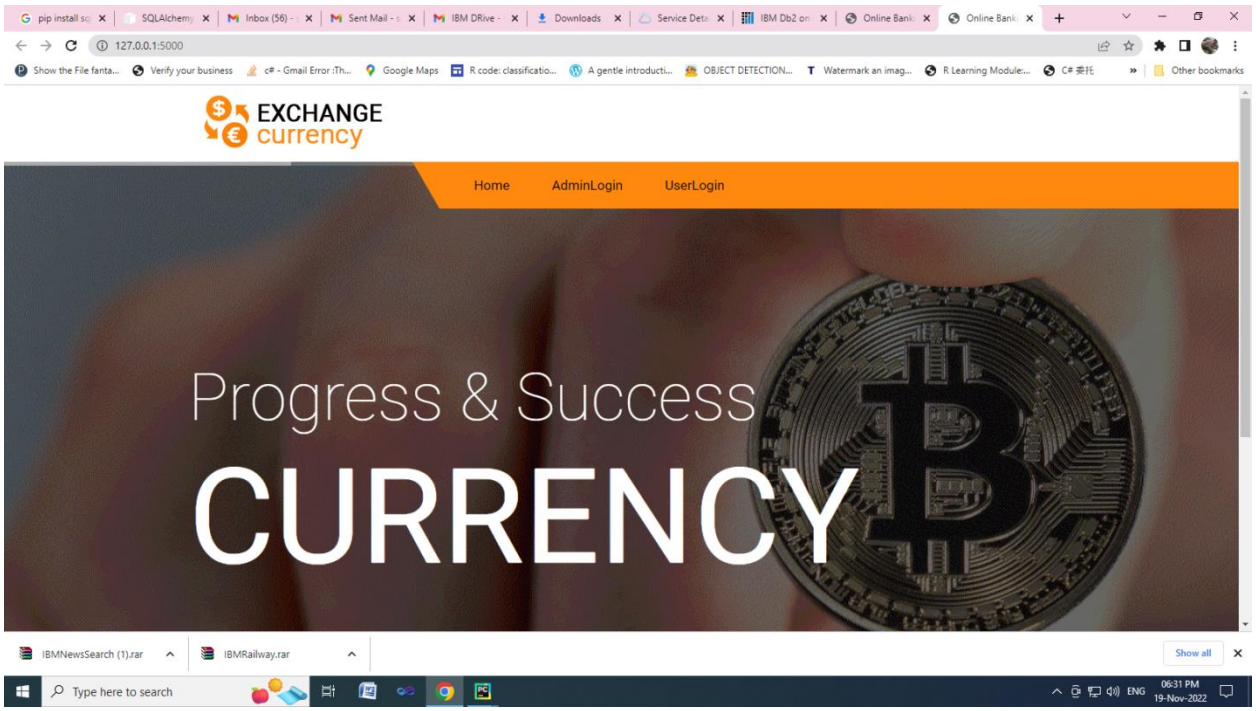
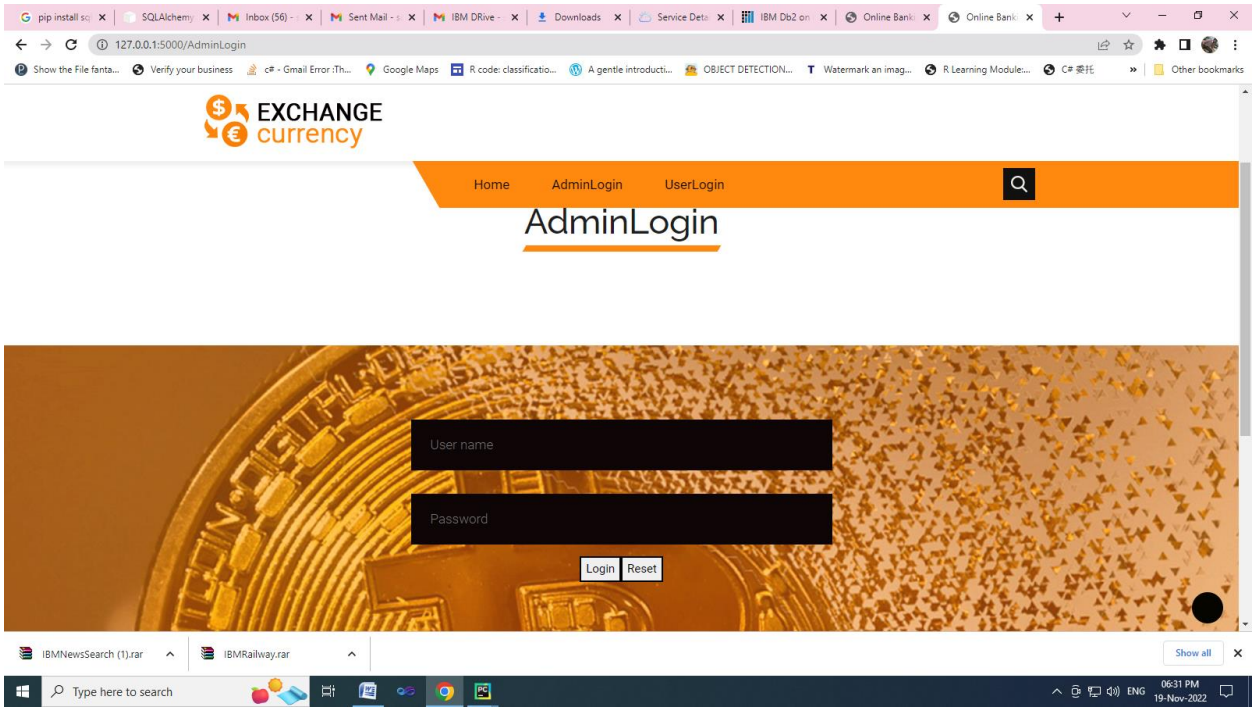
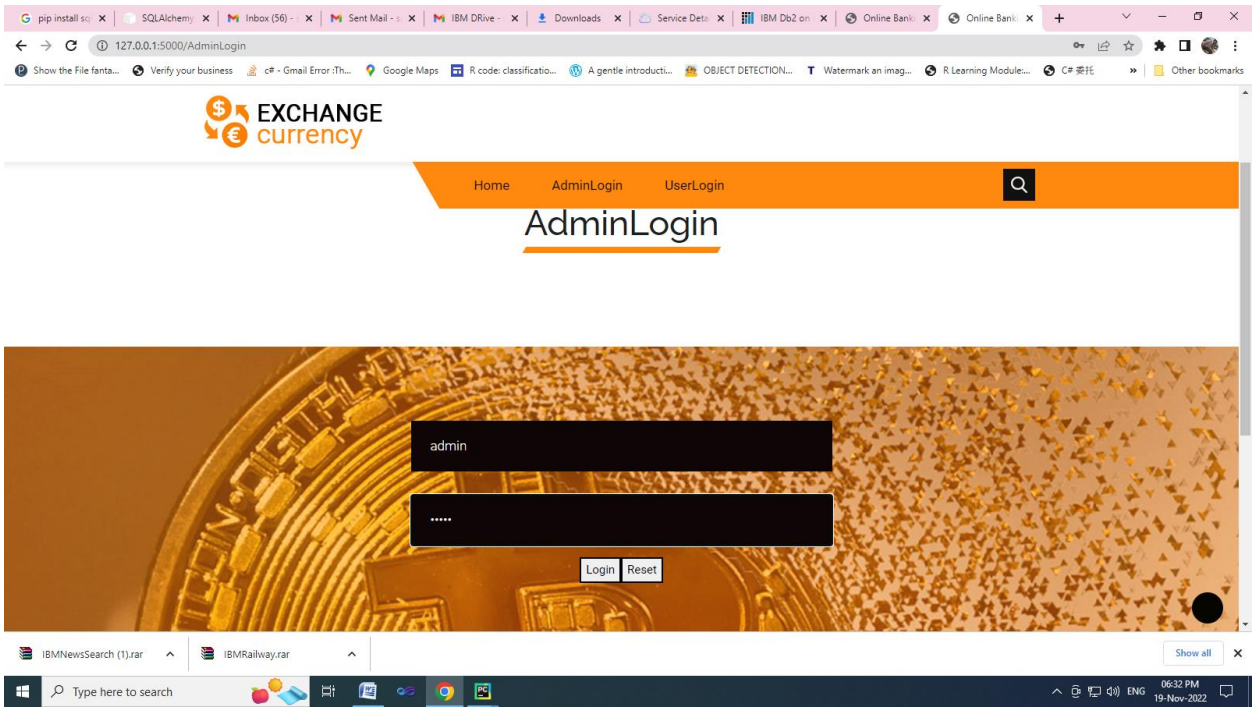
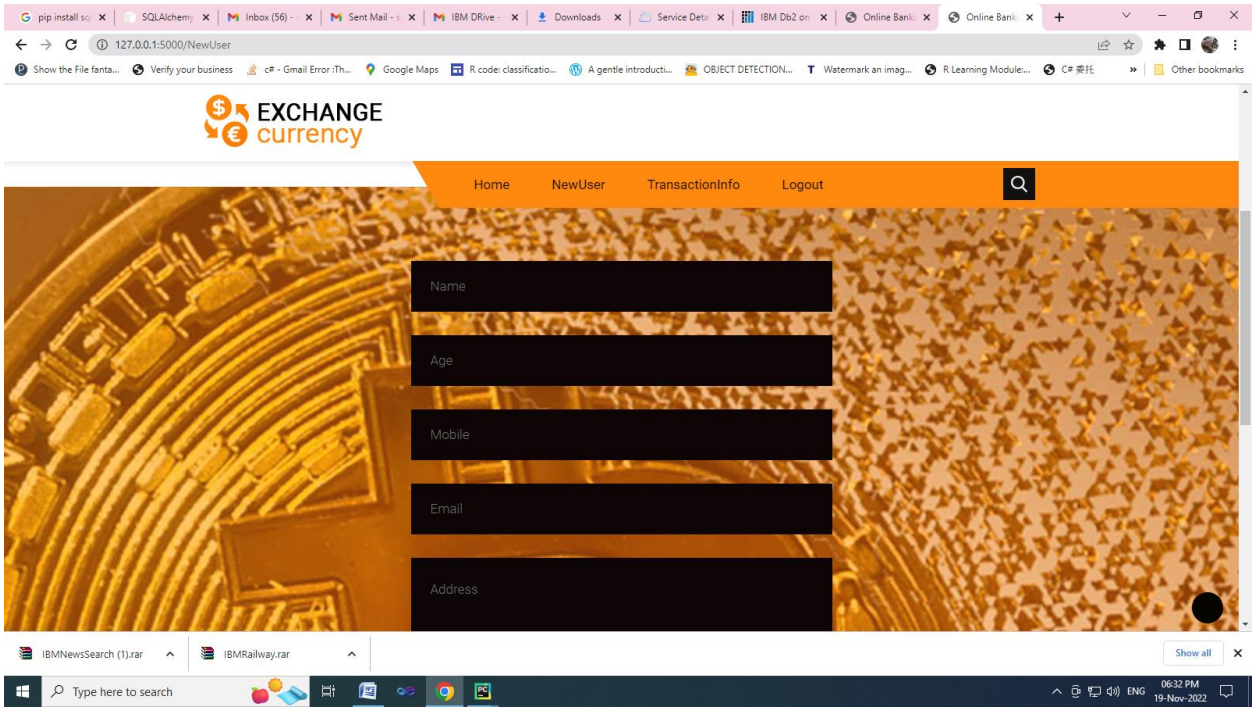
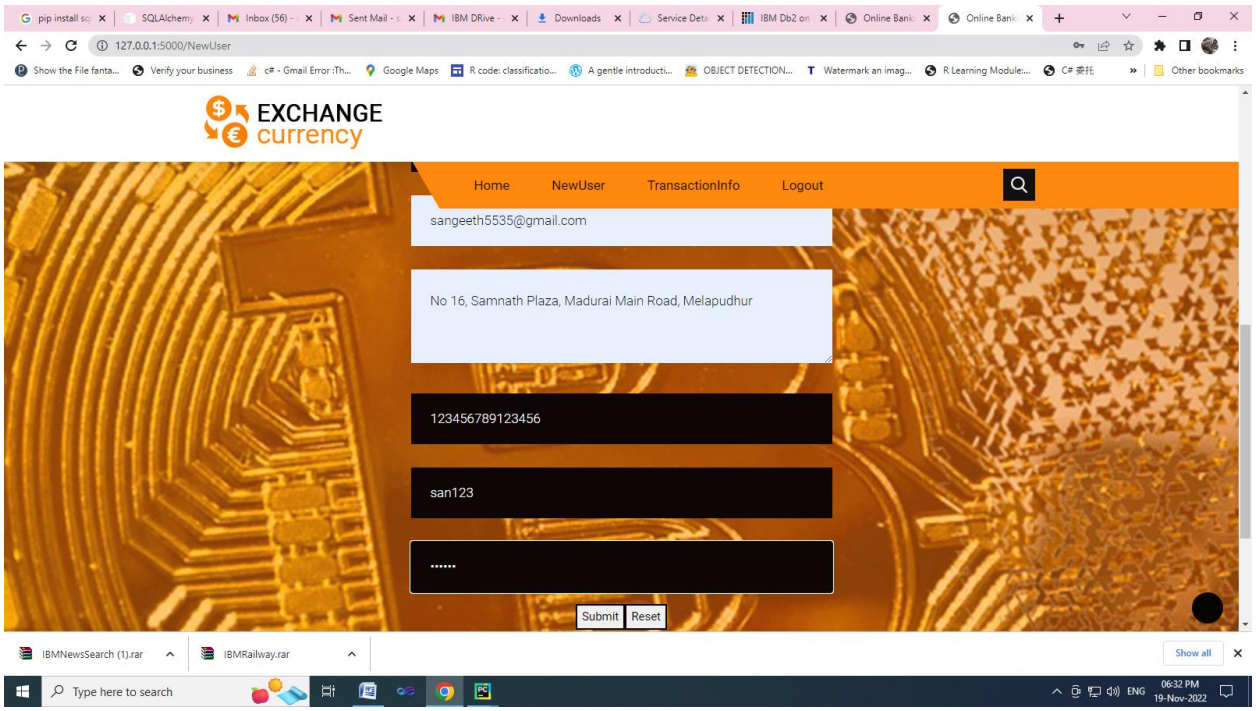
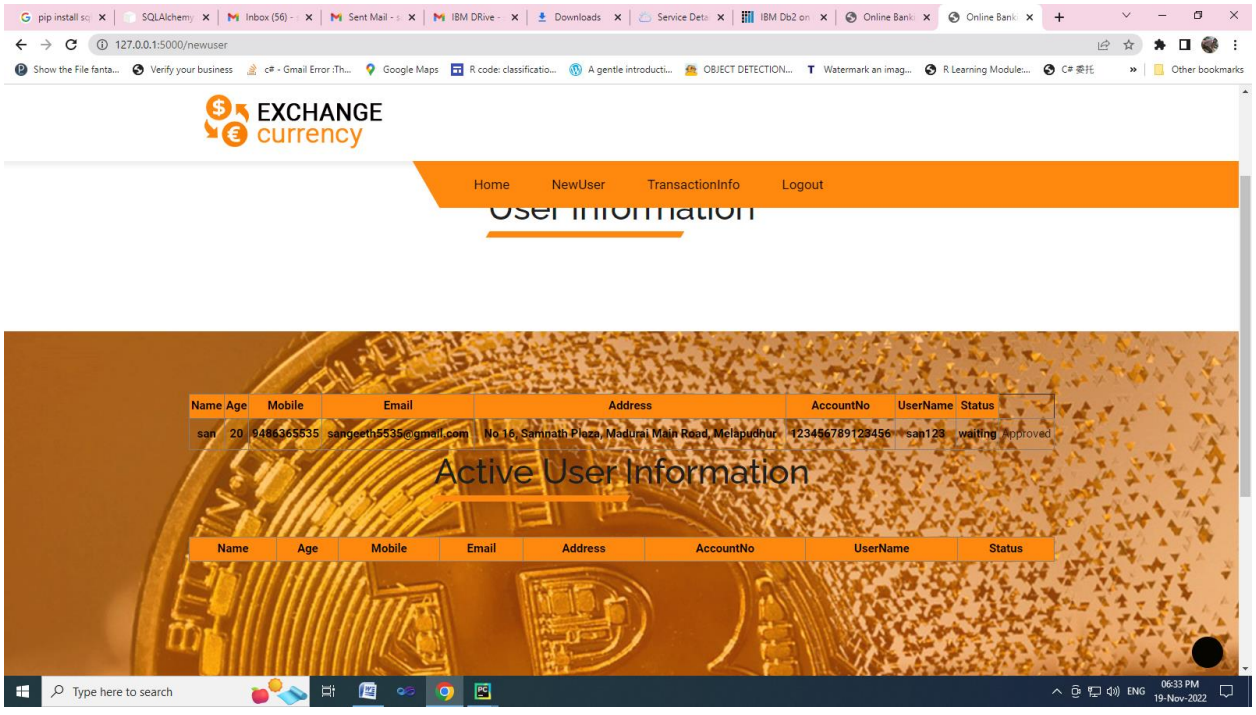

EXCHANGE
currency
Home
AdminLogin
UserLogin
Progress & Success
CURRENCY

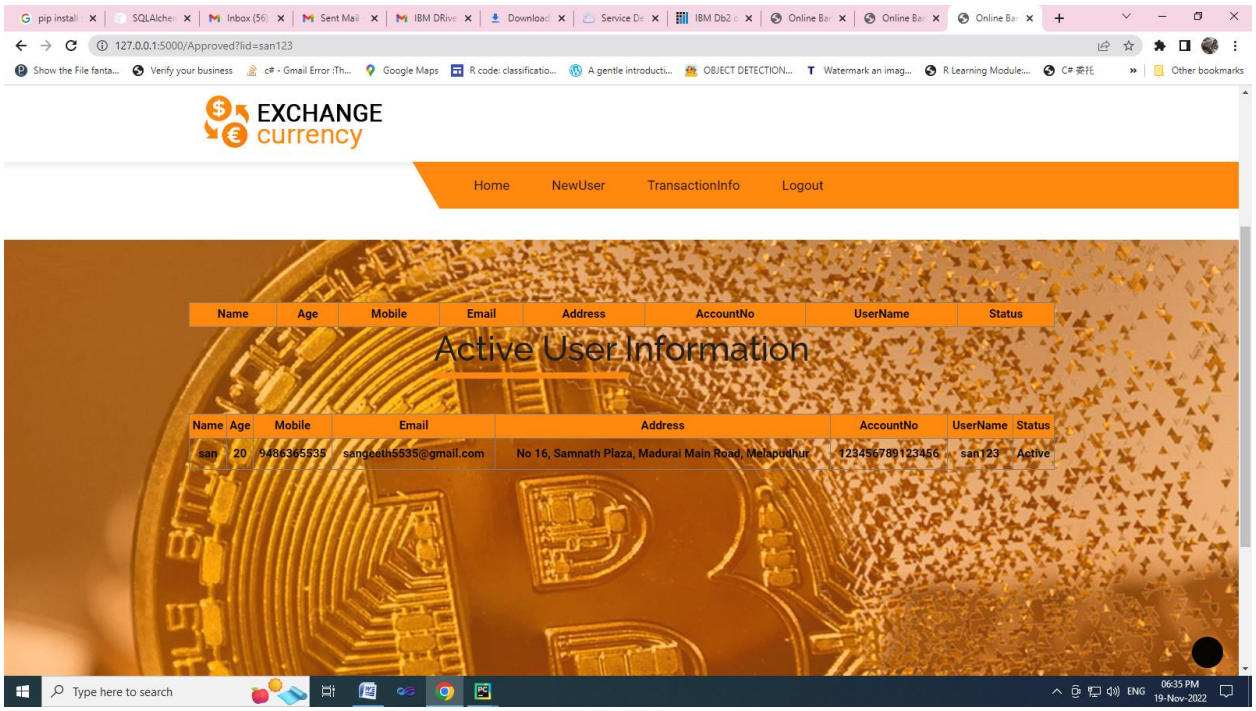

EXCHANGE
currency
Home
AdminLogin
UserLogin
AdminLogin
User name
Password
Login
Reset

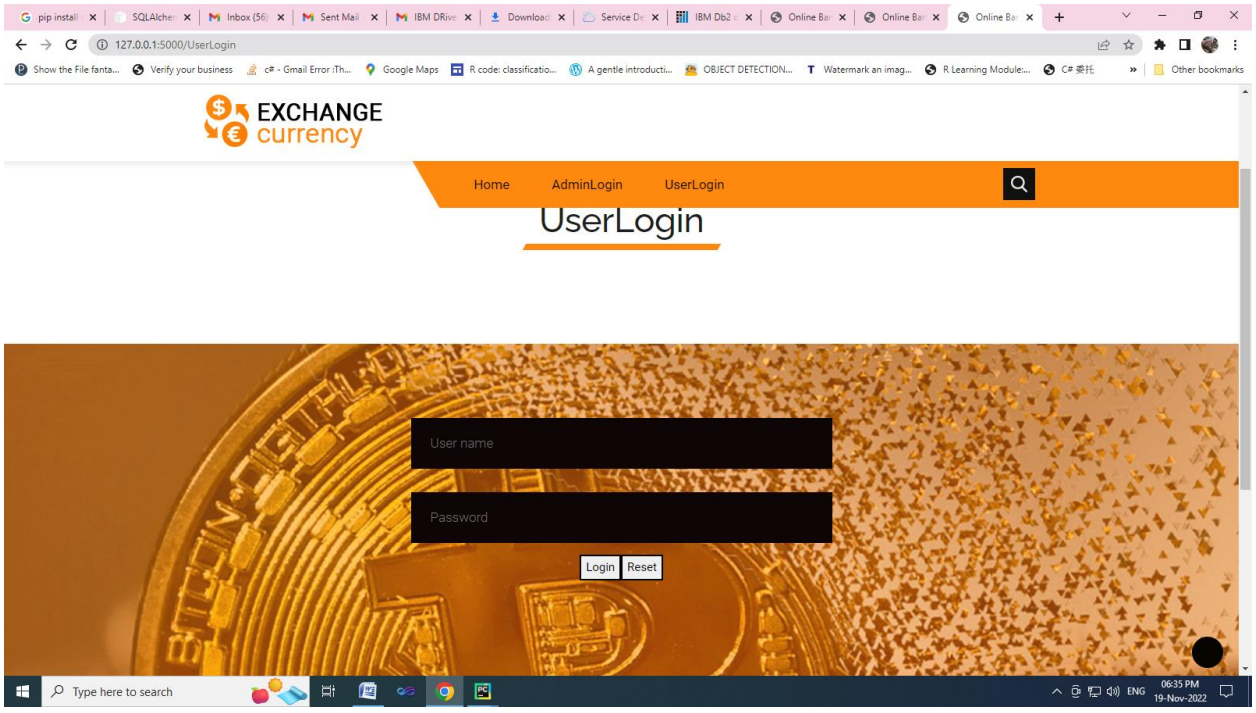

127.0.0.1:5000/AdminLogin
EXCHANGE
currency
Home
AdminLogin
UserLogin
AdminLogin
admin
.....
Login
Reset
IBMNewsSearch (1).rar
IBMRailway.rar
Show all
Type here to search
ENG
06:32 PM
19-Nov-2022

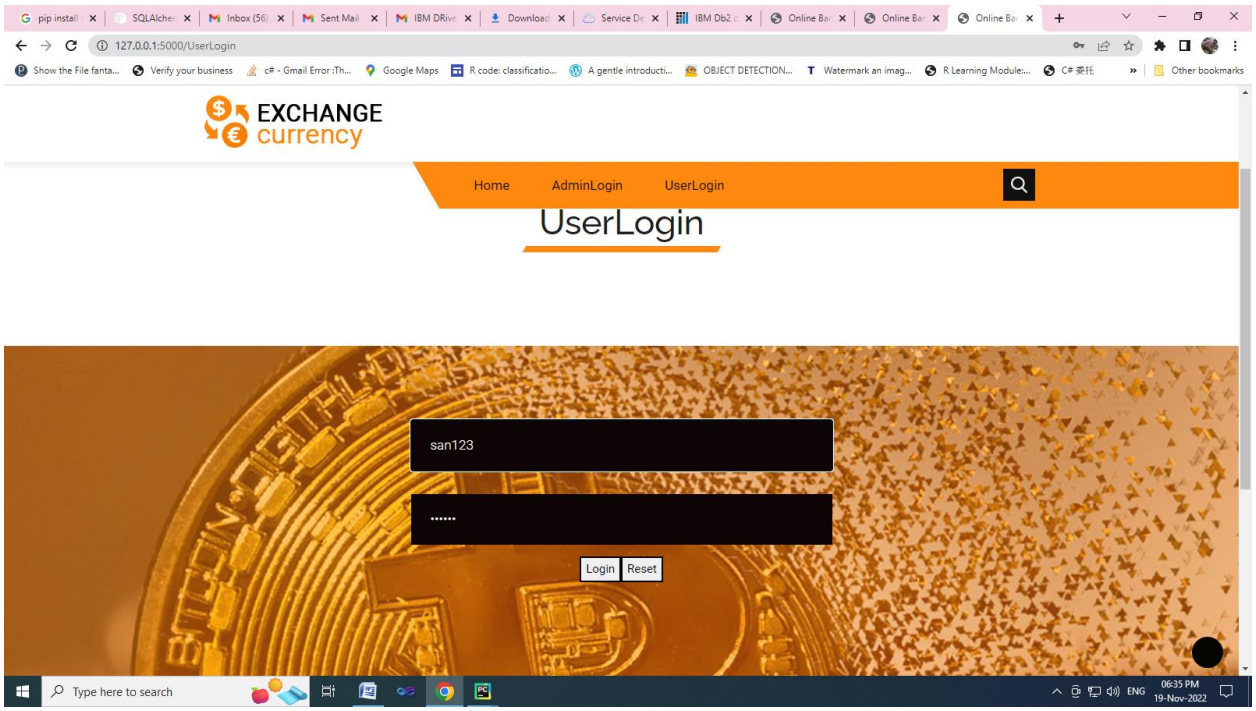

127.0.0.1:5000/NewUser
EXCHANGE
currency
Home
NewUser
TransactionInfo
Logout
Name
Age
Mobile
Email
Address
IBMNewsSearch (1).rar
IBMRailway.rar
Show all
Type here to search
ENG
06:32 PM
19-Nov-2022

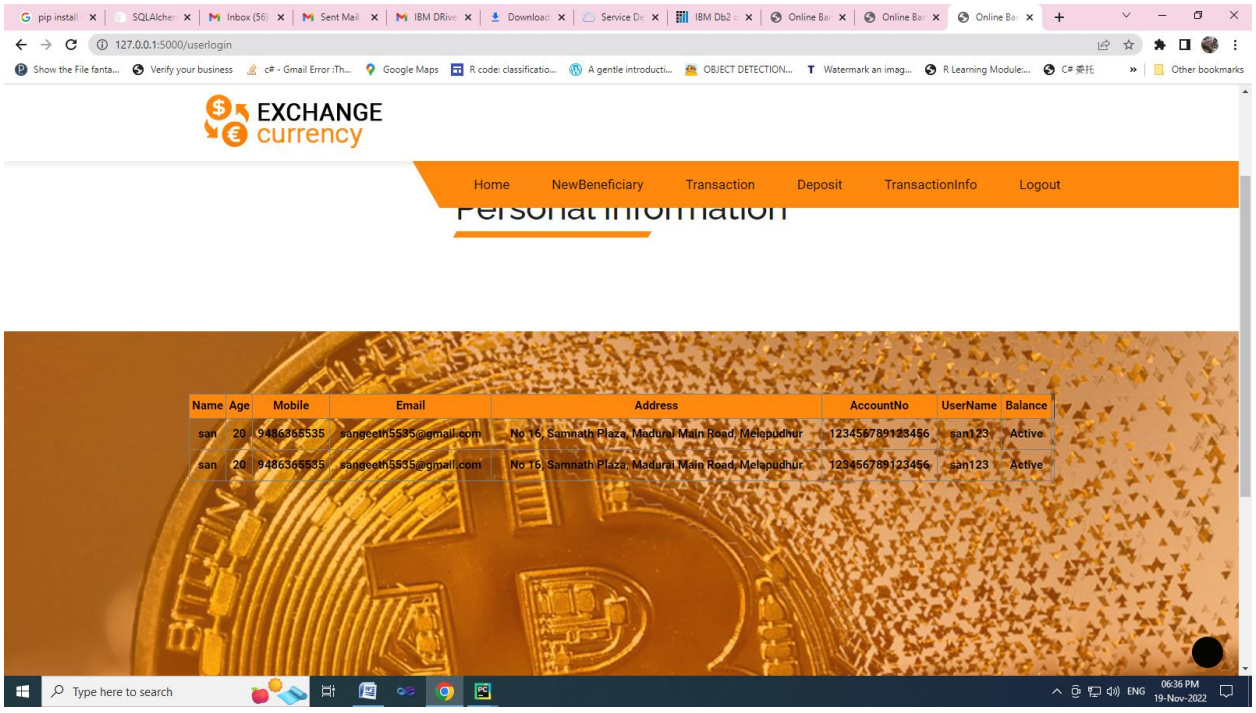

EXCHANGE
currency
Home
NewUser
TransactionInfo
Logout
sangeeth5535@gmail.com
No 16, Samnath Plaza, Madurai Main Road, Melapudhur
123456789123456
san123
.....
Submit
Reset

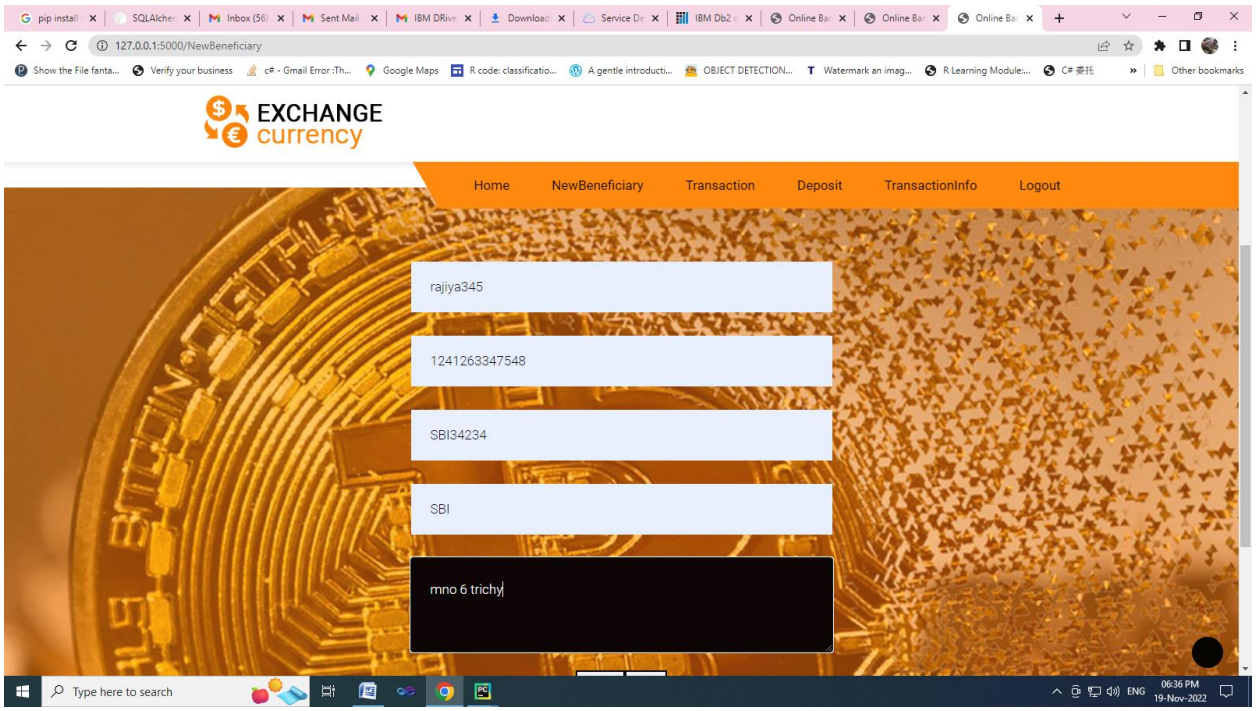

EXCHANGE
currency
Home
NewUser
TransactionInfo
Logout
Active User Information
Name Age Mobile Email Address AccountNo UserName Status
san 20 9486365535 sangeeth5535@gmail.com No 16, Samnath Plaza, Madurai Main Road, Melapudhur 123456789123456 san123 waiting Approved
Active User Information
Name Age Mobile Email Address AccountNo UserName Status

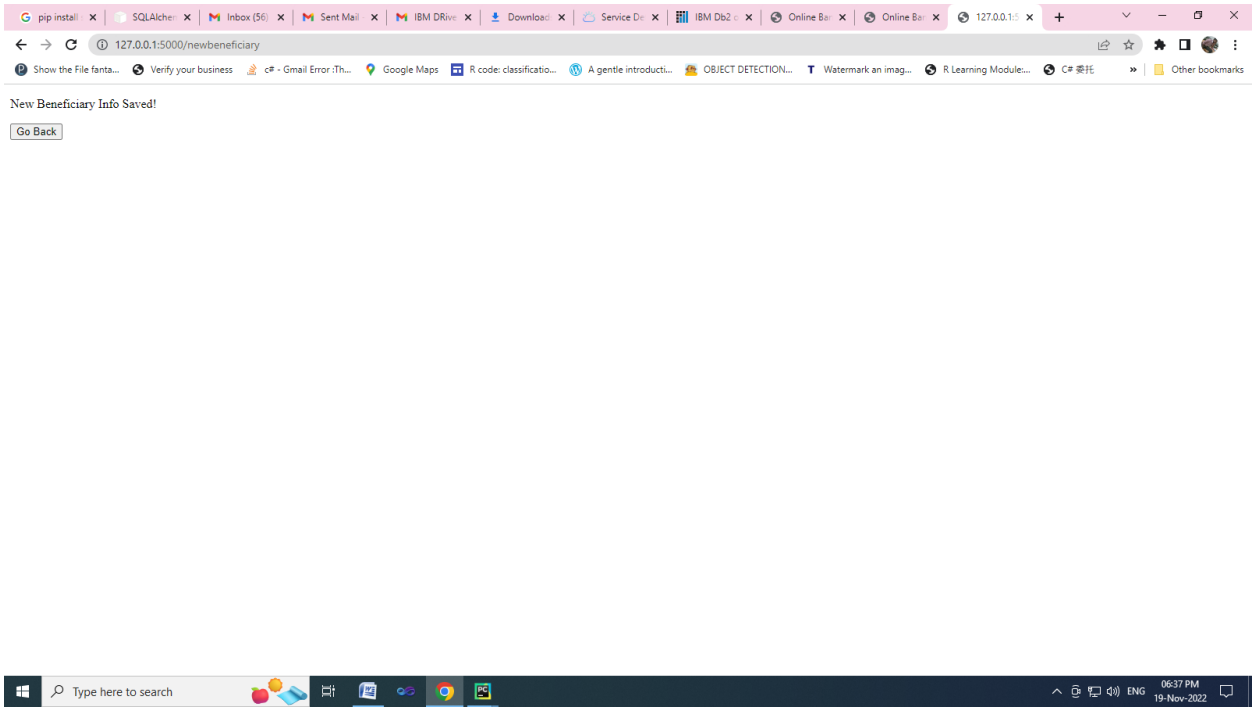

127.0.0.1:5000/Approved?lid=san123
EXCHANGE currency
Home
NewUser
TransactionInfo
Logout
Name
Age
Mobile
Email
Address
AccountNo
UserName
Status
Active User Information
Name
Age
Mobile
Email
Address
AccountNo
UserName
Status
san
20
9486365535
sangeeth5535@gmail.com
No 16, Samnath Plaza, Madurai Main Road, Melapudhur
123456789123456
san123
Active
Type here to search
ENG
06:35 PM
19-Nov-2022

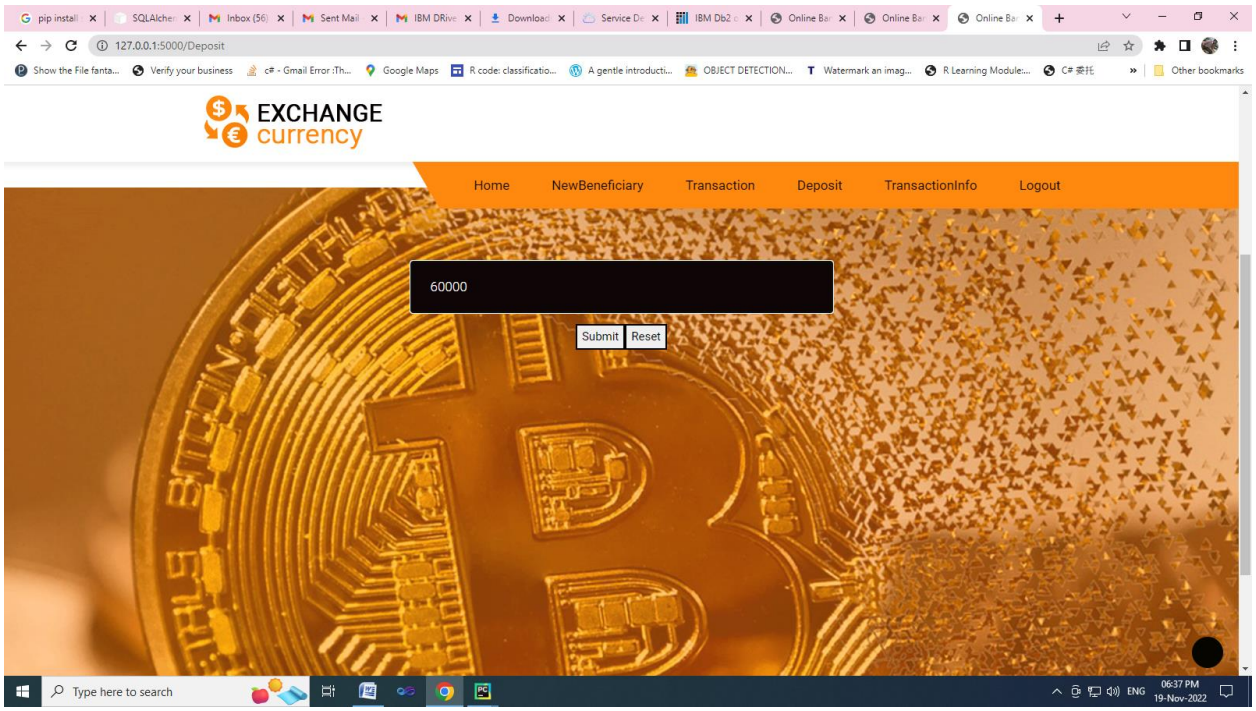

127.0.0.1:5000/UserLogin
EXCHANGE currency
Home
AdminLogin
UserLogin
UserLogin
User name
Password
Login
Reset
Type here to search
ENG
06:35 PM
19-Nov-2022

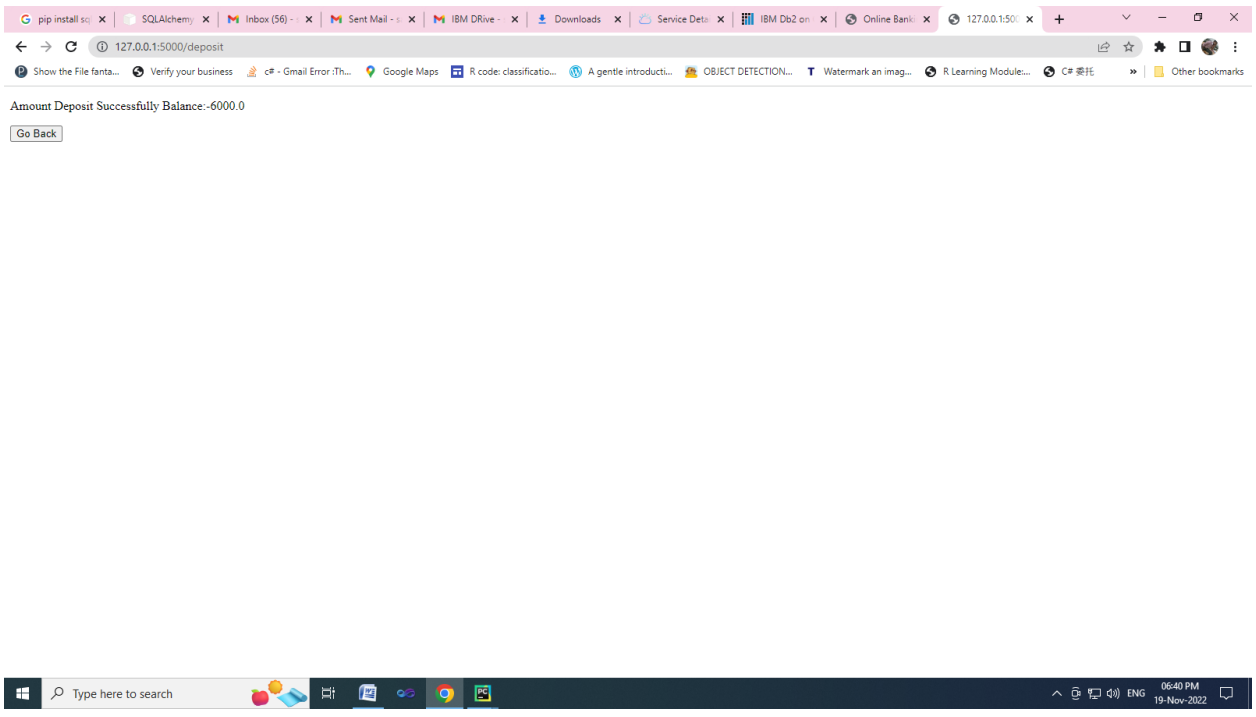

EXCHANGE
currency
Home
AdminLogin
UserLogin
UserLogin
san123
Login
Reset
Type here to search
ENG
06:35 PM
19-Nov-2022

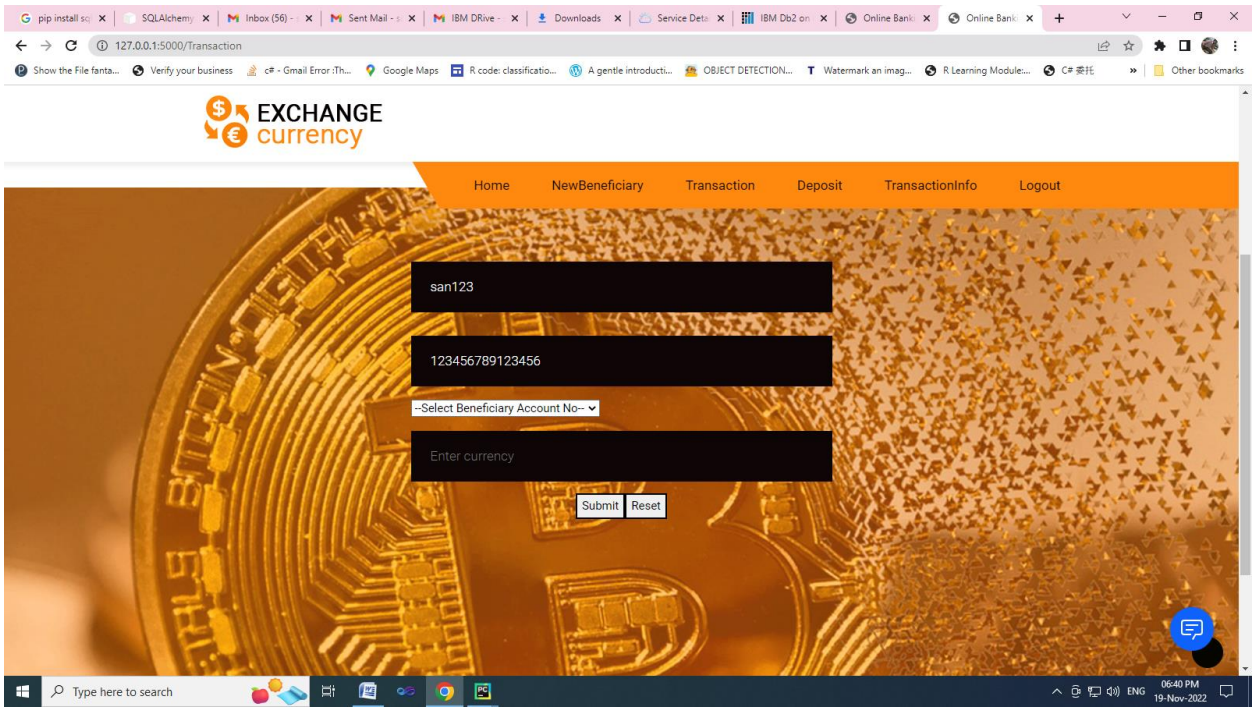

EXCHANGE
currency
Home
NewBeneficiary
Transaction
Deposit
TransactionInfo
Logout
Name Age Mobile Email Address AccountNo UserName Balance
san 20 9486365535 sangeeth5535@gmail.com No 16, Samnath Plaza, Madurai Main Road, Melapudhur 123456789123456 san123 Active
san 20 9486365535 sangeeth5535@gmail.com No 16, Samnath Plaza, Madurai Main Road, Melapudhur 123456789123456 san123 Active
Type here to search
ENG
06:36 PM
19-Nov-2022

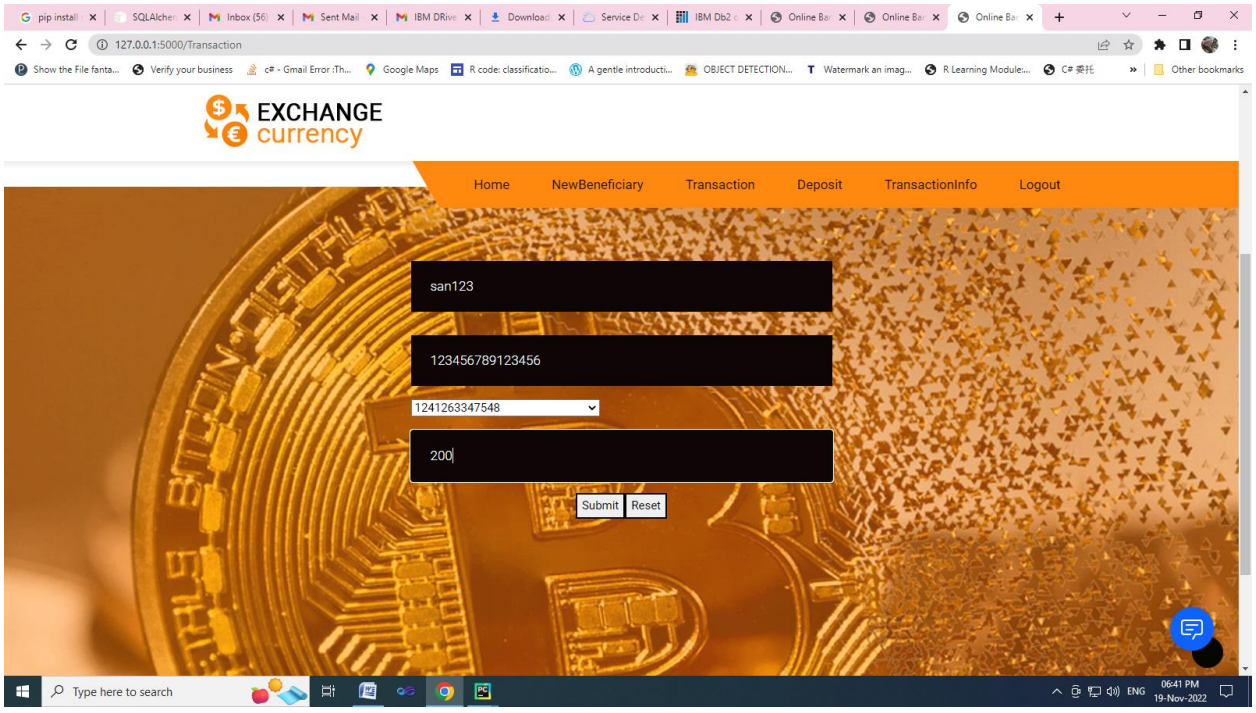

127.0.0.1:5000/NewBeneficiary
EXCHANGE
currency
Home
NewBeneficiary
Transaction
Deposit
TransactionInfo
Logout
rajiya345
1241263347548
SBI34234
SBI
mno 6 trichy
Type here to search
ENG
06:36 PM
19-Nov-2022

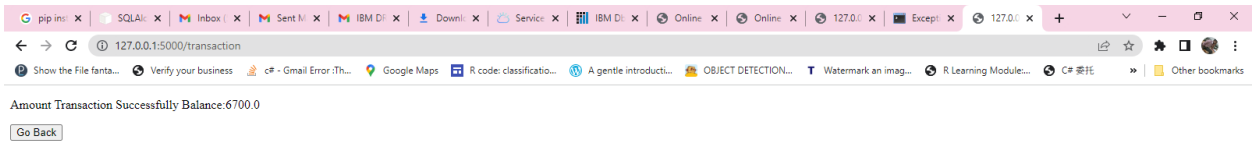

127.0.0.1:5000/newbeneficiary
New Beneficiary Info Saved!
Go Back
Type here to search
ENG
06:37 PM
19-Nov-2022

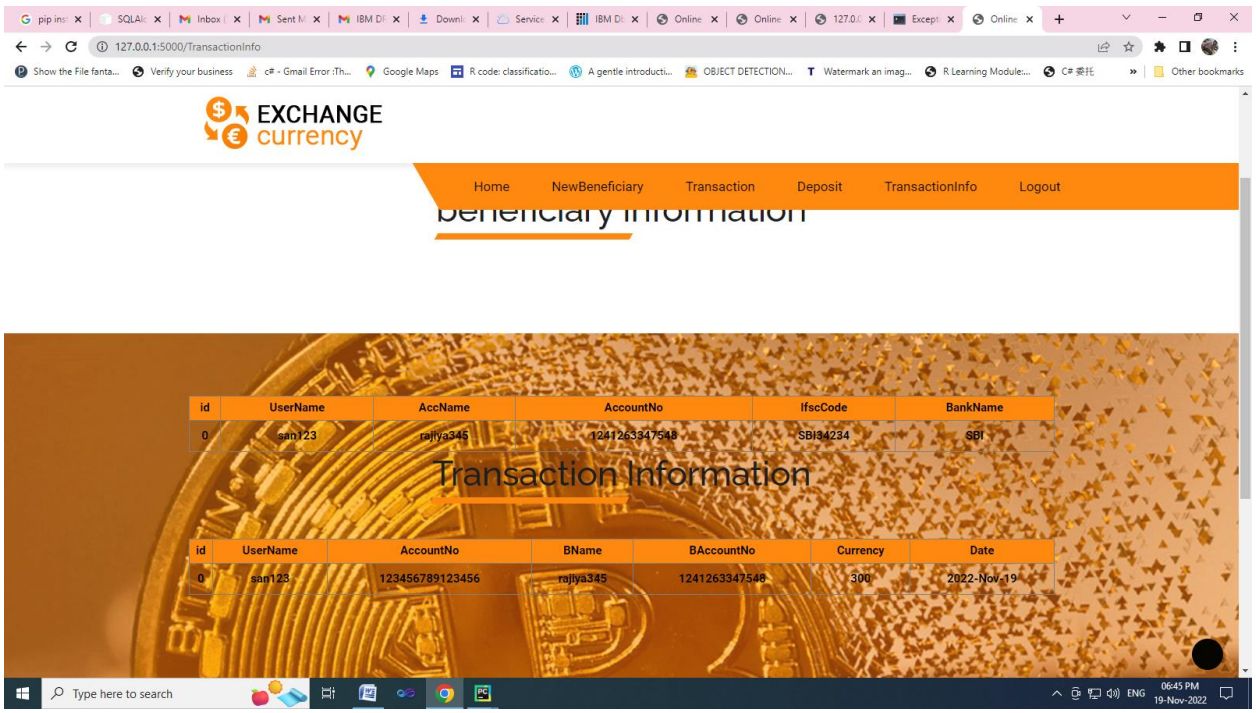

127.0.0.1:5000/Deposit
EXCHANGE
currency
Home
NewBeneficiary
Transaction
Deposit
TransactionInfo
Logout
60000
Submit
Reset
Type here to search
ENG
06:37 PM
19-Nov-2022

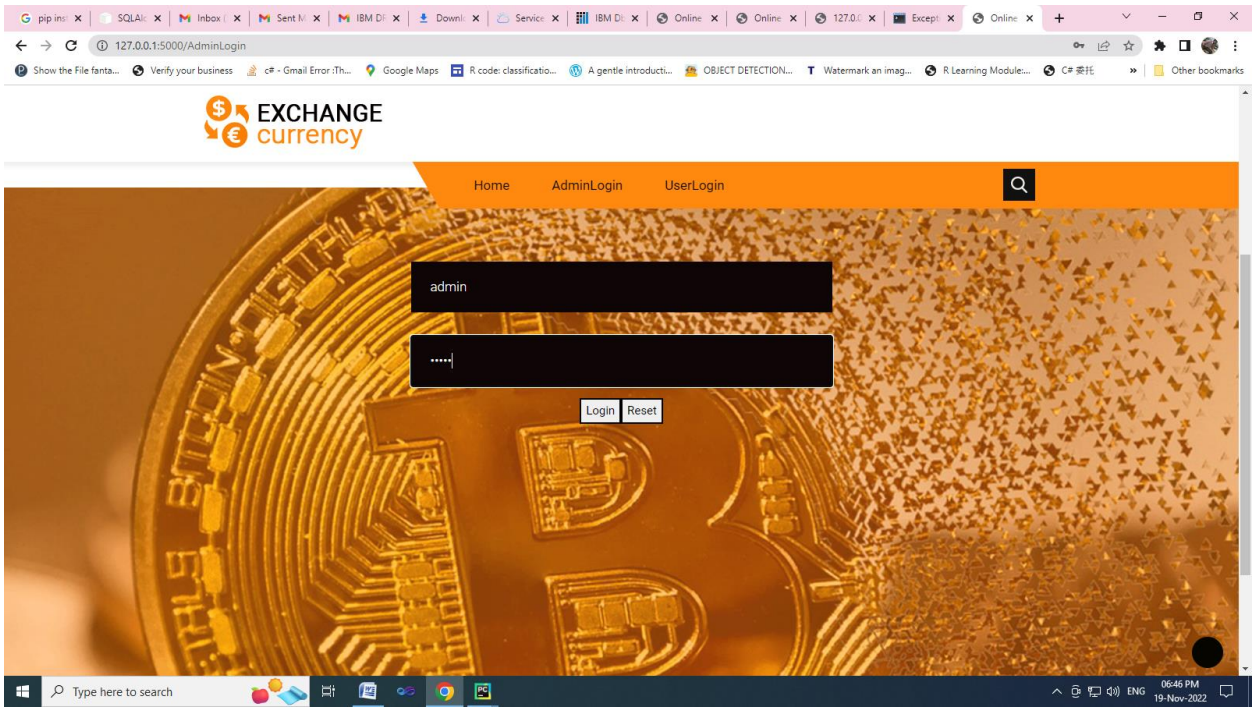

127.0.0.1:5000/deposit
Amount Deposit Successfully Balance:-6000.0
Go Back
Type here to search
ENG
06:40 PM
19-Nov-2022

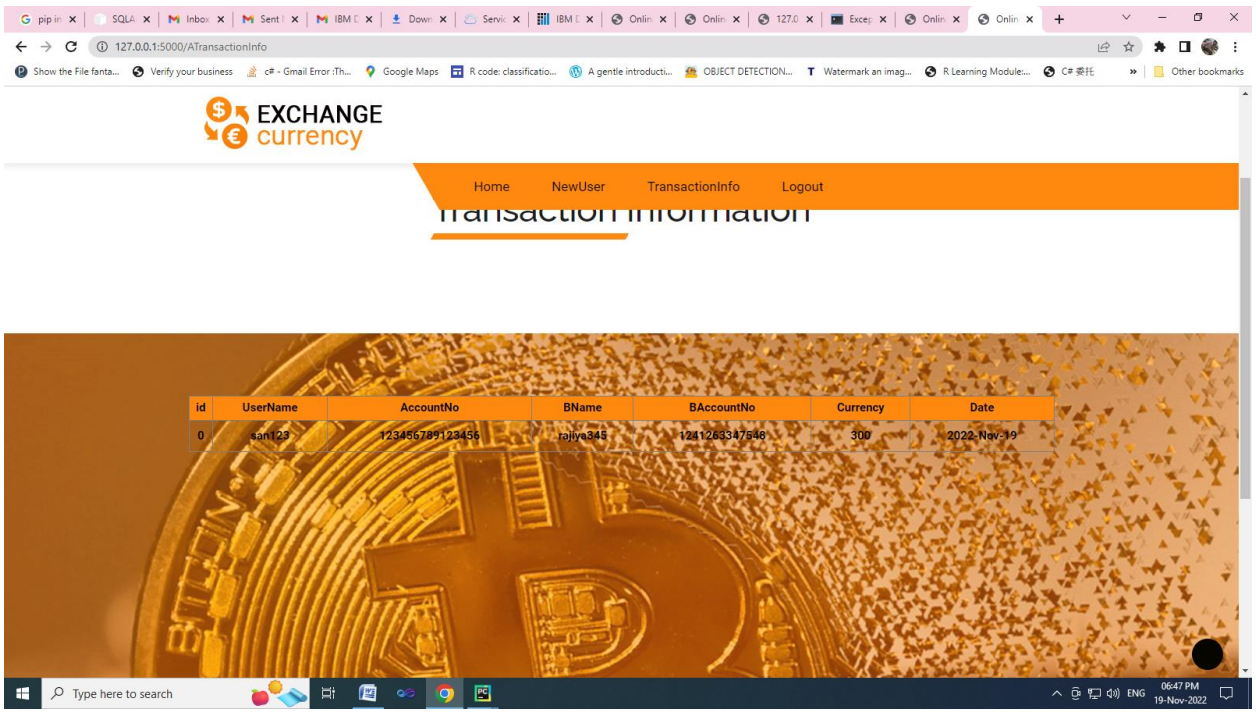

127.0.0.1:5000/Transaction
EXCHANGE
currency
Home
NewBeneficiary
Transaction
Deposit
TransactionInfo
Logout
san123
123456789123456
--Select Beneficiary Account No--
Enter currency
Submit
Reset
Type here to search
ENG
06:40 PM
19-Nov-2022


127.0.0.1:5000/Transaction
EXCHANGE
currency
Home
NewBeneficiary
Transaction
Deposit
TransactionInfo
Logout
san123
123456789123456
1241263347548
200
Submit
Reset
Type here to search
ENG
06:41 PM
19-Nov-2022


127.0.0.1:5000/transaction
Amount Transaction Successfully Balance:6700.0
Go Back


127.0.0.1:5000/TransactionInfo
EXCHANGE currency
Home
NewBeneficiary
Transaction
Deposit
TransactionInfo
Logout
id
UserName
AccName
AccountNo
IfscCode
BankName
0
san123
rajiya345
1241263347548
SBI34234
SBI
Transaction Information
id
UserName
AccountNo
BName
BAccountNo
Currency
Date
0
san123
123456789123456
rajiya345
1241263347548
300
2022-Nov-19






```
from flask import Flask, render_template, flash, request, session
from flask import render_template, redirect, url_for, request
```

```
import ibm_db
import pandas
import ibm_db_dbi
from sqlalchemy import create_engine

engine = create_engine('sqlite://',
                       echo = False)

dsn_hostname = "2f3279a5-73d1-4859-88f0-
a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud"
dsn_uid = "kfb92947"
dsn_pwd = "LllsyGThPcwKZPyv"

dsn_driver = "{IBM DB2 ODBC DRIVER}"
dsn_database = "BLUDB"
dsn_port = "30756"
dsn_protocol = "TCPIP"
dsn_security = "SSL"

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)



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() )

app = Flask(__name__)
app.config['DEBUG']
app.config['SECRET_KEY'] = '7d441f27d441f27567d441f2b6176a'



@app.route("/")
def homepage():
    return render_template('index.html')


@app.route("/AdminLogin")
def AdminLogin():
    return render_template('AdminLogin.html')
```

```
@app.route("/UserLogin")
def UserLogin():
    return render_template('UserLogin.html')



@app.route("/NewUser")
def NewUser():
    return render_template('NewUser.html')

@app.route("/AdminHome")
def AdminHome():


    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery ="SELECT * FROM regtb where status='waiting'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
    data = engine.execute("SELECT * FROM Employee_Data").fetchall()



    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery ="SELECT * FROM regtb where status='Active'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()




    return render_template('AdminHome.html', data=data, data1=data1)


@app.route("/adminlogin", methods=['GET', 'POST'])
def adminlogin():
    error = None
    if request.method == 'POST':
       if request.form['uname'] == 'admin' and request.form['Password'] == 'admin':

           conn = ibm_db.connect(dsn, "", "")
           pd_conn = ibm_db_dbi.Connection(conn)
           selectQuery = "SELECT * FROM regtb where status='waiting'"
           dataframe = pandas.read_sql(selectQuery, pd_conn)
           dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
           data = engine.execute("SELECT * FROM Employee_Data").fetchall()
```

```
            conn = ibm_db.connect(dsn, "", "")
            pd_conn = ibm_db_dbi.Connection(conn)
            selectQuery = "SELECT * FROM regtb where status='Active'"
            dataframe = pandas.read_sql(selectQuery, pd_conn)

            dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
            data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()

            return render_template('AdminHome.html', data=data, data1=data1)

        else:
            data = "UserName or Password Incorrect!"

            return render_template('goback.html', data=data)




@app.route("/newuser", methods=['GET', 'POST'])
def newuser():
     if request.method == 'POST':

          name = request.form['name']

          age = request.form['age']
          mobile = request.form['mobile']
          email = request.form['email']
          address = request.form['address']
          accno = request.form['accno']
          username = request.form['username']
          Password = request.form['Password']

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

          insertQuery = "insert into regtb
values('"+name+"','"+age+"','"+mobile+"','"+email+"','"+address+"','"+accno
+"','"+username+"','"+Password+"','waiting','0.00')"
          insert_table = ibm_db.exec_immediate(conn, insertQuery)
          print(insert_table)



     conn = ibm_db.connect(dsn, "", "")
     pd_conn = ibm_db_dbi.Connection(conn)
     selectQuery = "SELECT * FROM regtb where status='waiting'"
     dataframe = pandas.read_sql(selectQuery, pd_conn)
     dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
     data = engine.execute("SELECT * FROM Employee_Data").fetchall()

     conn = ibm_db.connect(dsn, "", "")
     pd_conn = ibm_db_dbi.Connection(conn)
```

```
     selectQuery = "SELECT * FROM regtb where status='Active'"
     dataframe = pandas.read_sql(selectQuery, pd_conn)

     dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
     data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()

     return render_template('AdminHome.html', data=data,data1=data1)


@app.route("/Approved")
def Approved():

    id = request.args.get('lid')


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

    insertQuery = "Update regtb set Status='Active'  where Username='"+ id +"'"
    insert_table = ibm_db.exec_immediate(conn, insertQuery)
    print(insert_table)

    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery = "SELECT * FROM regtb where status='waiting'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)
    dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
    data = engine.execute("SELECT * FROM Employee_Data").fetchall()

    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery = "SELECT * FROM regtb where status='Active'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()

    return render_template('AdminHome.html', data=data, data1=data1)



@app.route("/userlogin", methods=['GET', 'POST'])
def userlogin():

    if request.method == 'POST':
        username = request.form['uname']
        password = request.form['Password']
        #session['uname'] = request.form['uname']



        conn = ibm_db.connect(dsn, "", "")
        pd_conn = ibm_db_dbi.Connection(conn)

        selectQuery = "SELECT * from regtb where UserName='" + username + "' and
password='" + password + "'"
```

```
        dataframe = pandas.read_sql(selectQuery, pd_conn)

        if dataframe.empty:
            data1 = 'Username or Password is wrong'
            return render_template('goback.html', data=data1)
        else:

            dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
            data = engine.execute("SELECT * FROM Employee_Data").fetchall()
            for item in data:
                session['uname'] = item[7]
                session['acc'] = item[6]


            selectQuery = "SELECT * from regtb where UserName='" + username + "' and
password='" + password + "'"
            dataframe = pandas.read_sql(selectQuery, pd_conn)

            dataframe.to_sql('Employee_Data',
                             con=engine,
                             if_exists='append')

            # run a sql query
            print(engine.execute("SELECT * FROM Employee_Data").fetchall())

            return render_template('UserHome.html', data=engine.execute("SELECT *
FROM Employee_Data").fetchall())


@app.route("/UserHome")
def UserHome():
    uname = session['uname']



    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery = "SELECT * FROM regtb where username='" + uname + "'  "
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()

    return render_template('UserHome.html', data=data1)



@app.route("/NewBeneficiary")
def NewBeneficiary():
    return render_template('NewBeneficiary.html')

@app.route("/Transaction")
def Transaction():

    uname = session['uname']
```

```
    accno = session['acc']




    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery = "SELECT AccountNo FROM beneficiarytb where UserName='"+ uname +"' "
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()

    return render_template('Transaction.html', data=data1,uname=uname,Accno=accno)




@app.route("/Deposit")
def Deposit():
    return render_template('Deposit.html')



@app.route("/newbeneficiary", methods=['GET', 'POST'])
def newbeneficiary():
     if request.method == 'POST':

          uname =  session['uname']

          aname = request.form['aname']

          accno = request.form['accno']
          Ifsc = request.form['Ifsc']
          bname = request.form['bname']
          address = request.form['address']


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

          insertQuery = "insert into beneficiarytb
values('"+uname+"','"+aname+"','"+accno+"','"+Ifsc+"','"+bname+"','"+address +"')"
          insert_table = ibm_db.exec_immediate(conn, insertQuery)
          print(insert_table)




     alert = 'New Beneficiary Info Saved!'

     return render_template('goback.html', data=alert)
```

```
import random
import datetime




@app.route("/transaction", methods=['GET', 'POST'])
def transaction():
    if request.method == 'POST':

        uname = session['uname']
        accno = session['acc']

        bacc = request.form['bacc']

        currency = request.form['currency']

        tcc= float(currency)

        date = datetime.datetime.now().strftime('%Y-%b-%d')

        conn = ibm_db.connect(dsn, "", "")
        pd_conn = ibm_db_dbi.Connection(conn)
        selectQuery ="SELECT  *  FROM   regtb where  UserName='" + uname + "'"
        dataframe = pandas.read_sql(selectQuery, pd_conn)

        dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
        data = engine.execute("SELECT * FROM Employee_Data").fetchall()
        for item in data:

            bal = item[10]

            Amount = float(bal) - float(tcc)

            print(Amount)

    selectQuery1 = "SELECT  *  FROM    beneficiarytb where  AccountNo='" + bacc +
"'"
    dataframe = pandas.read_sql(selectQuery1, pd_conn)

    dataframe.to_sql('regtb', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM regtb").fetchall()

    for item1 in data1:
        bname = item1[2]







    if(Amount < 0):
```

```
        alert = 'Amount Transaction Failed Balance:' + str(Amount)

        return render_template('goback.html', data=alert)
    else:
        conn = ibm_db.connect(dsn, "", "")

        insertQuery = "INSERT INTO  transtb VALUES ('" + uname + "','" + accno +
"','" + bname + "','" + bacc + "','" + currency + "','" + date + "')"
        insert_table = ibm_db.exec_immediate(conn, insertQuery)
        print(insert_table)

        alert = 'Amount Transaction Successfully Balance:' + str(Amount)

        return render_template('goback.html', data=alert)




@app.route("/deposit", methods=['GET', 'POST'])
def deposit():
    if request.method == 'POST':


         uname =  session['uname']

         amt = request.form['amt']

    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery = "SELECT  *  FROM   regtb where  UserName='" + uname + "'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
    data = engine.execute("SELECT * FROM Employee_Data").fetchall()
    for item in data:
        bal = item[10]

        Amount = float(bal) + float(amt)

        print(Amount)


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

    insertQuery = "Update regtb set Balance='"+ str(Amount) +"'  where  UserName='"
+ uname + "'"
    insert_table = ibm_db.exec_immediate(conn, insertQuery)
    print(insert_table)
```

```
    alert = 'Amount Deposit Successfully Balance:'+ str(Amount)

    return render_template('goback.html', data=alert)



@app.route("/TransactionInfo")
def TransactionInfo():

    uname = session['uname']

    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery ="SELECT * FROM beneficiarytb where UserName='"+uname +"'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)
    dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
    data = engine.execute("SELECT * FROM Employee_Data").fetchall()

    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery = "SELECT * FROM transtb where UserName='"+ uname +"'"
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()



    return render_template('TransactionInfo.html', data=data, data1=data1)


@app.route("/ATransactionInfo")
def ATransactionInfo():




    conn = ibm_db.connect(dsn, "", "")
    pd_conn = ibm_db_dbi.Connection(conn)
    selectQuery ="SELECT * FROM transtb "
    dataframe = pandas.read_sql(selectQuery, pd_conn)

    dataframe.to_sql('Employee_Data1', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM Employee_Data1").fetchall()

    return render_template('ATransactionInfo.html',  data1=data1)



if __name__ == '__main__':
    app.run(debug=True, use_reloader=True)
```