

Python With Db2

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| DATE | 17 NOVEMBER 2022 |
| TEAM ID | PNT2022TMID25780 |
| PROJECT NAME | SMART FASHION RECOMMENDER APPLICATION |

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import ibm_db
dictionary={}
def printTableData(conn):
    sql = "SELECT * FROM
userdetails"
    out = ibm_db.exec_immediate(conn, sql)
    document =
ibm_db.fetch_assoc(out)
    while document != False:

dictionary.update({document['USERNAME']:document['PASSWORD']})
    document =
ibm_db.fetch_assoc(out)
def insertTableData(conn,rollno,username,email,password):

sql="INSERT INTO userdetails(rollno,username,email,password) VALUES
({},'{}','{}','{}')".format(rollno,username,email,password)
    out =
ibm_db.exec_immediate(conn,sql)
    print('Number of affected rows :
',ibm_db.num_rows(out),"\n")
def
updateTableData(conn,rollno,username,email,password):
    sql = "UPDATE userdetails SET
(username,email,password)=('{}','{}','{}') WHERE
rollno={}".format(username,email,password,rollno)
    out = ibm_db.exec_immediate(conn,
sql)
    print('Number of affected rows : ', ibm_db.num_rows(out), "\n")
def
deleteTableData(conn,rollno):
    sql = "DELETE FROM userdetails WHERE
rollno={}".format(rollno)
    out = ibm_db.exec_immediate(conn, sql)
    print('Number
of affected rows : ', ibm_db.num_rows(out), "\n")
try:

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME= 764264db-9824-4b7c-82df-40d
1b13897c2.bs2io90108kqblod8lcg.databases.appdomain.cloud
;PORT= 32536
;SECURITY=SSL;SSLServerCertificate=DigiCertGlo
balRootCA.crt;PROTOCOL=TCPIP;UID= xjp13777;PWD= HK65LdSr5oHUAZA5
;","", "",
```

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    "")
    print("Db connected")
except:

print("Error")
from flask import
Flask,render_template,request,url_for,session
app=Flask(__name__)
@app.route("/")
@app.route("/login",methods=['POST','GET'])
def login():
    if
request.method=="POST":
    printTableData(conn)

username=request.form['username']
password=request.form['password']
try:

    if dictionary[username] == password and username in dictionary:

return "Logged in successfully"
    except:
        return "Invalid
username or password"
    return
render_template('loginpage.html')
@app.route("/register",methods=['POST','GET'])
def register():
    if request.method=="POST":
        rollno =
request.form['rollno']
        username = request.form['username']
        email =
request.form['email']
        password = request.form['password']

insertTableData(conn, rollno, username, email, password)
    return
render_template('mainpage.html')
return render_template('register.html')
if
__name__=="__main__":

app.run(debug=True)q
late,request,url_for,session
app=Flask(__name__)
@app.route("/&quo
t;)
@app.route("/login",methods=['POST','GET'])
def login():
    if
request.method=="POST":
    printTableData(conn)

username=request.form['username']

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password=request.form['password']
try:

    if dictionary[username] == password and username in dictionary:

return "Logged in successfully"
    except:
        return "Invalid
username or password"
    return render_template('mainpage.html')
```