Implementing Web Application

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Project Name	Smart Fashion Recommender Application
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Create IBM DB2 And Connect With Python

```
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']:documen
t['PASSWORD']}) document =
ibm_db.fetch_assoc(out) def
insertTableData(conn,rollno,username,email,passwor d):
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,passw ord):
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;HOSTNA
ME=0c77d6f2-5da9-48a9-81f8-
86b520b87518.bs2io90l
08kqb1od8lcg.databases.appdomain.cloud;PORT=31
198;SECURITY=SSL;SSLServerCertificate=Dig iCertGlo
balRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;P
WD=ef96tLJX2VjzaCPX;", "", "") 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('loginpage.html') return
render_template('registerpage.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']
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('log’)