

Creating a table:

```
create table students(id int not null,  
                        last_name char(16) not null,  
                        first_name char(16) not null,  
                        full_name char(16) not null,  
                        address char(30) not null  
);
```

Inserting values into table *students*:

```
Insert into students(id, last_name, first_name, full_name, address) values  
    ('ali,  
     'sharmin',  
     'sharmin ali',  
     'New york'  
);
```

```
INSERT INTO department(first_name, last_name, comment, full_name) VALUES ('Uzzwal',  
'Bhai', 'Kafka Student', 'Uzzawal Bhai');
```

```

package testpgrsql;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

public class PgrSQLWithJavaApp {

    public static void main(String[] args) throws Exception {

        String username = "postgres";
        String pswd = Password.password; // "4444";
        String query = "select * from sparkwithjava;";

        String dbUrl = "jdbc:postgresql://localhost:5432/course_data";
        String dbUrl2 = "jdbc:postgresql://localhost:5432/faculty_data";
        String dbUrl3 = "jdbc:postgresql://localhost:5432/enrollment_data";
        String dbUrl4 = "jdbc:postgresql://localhost:5432/grade_data";
        String dbUrl5 = "jdbc:postgresql://localhost:5432/assessment_data";

        // loading the class driver:
        Class.forName("org.postgresql.Driver"); // differs from jdbc-sql driver

        // create a connection:
        Connection con = DriverManager.getConnection(dbUrl, username, pswd);

        // creating statement:
        Statement stmt = con.createStatement();

        // creating result set:
        ResultSet rsResultSet = stmt.executeQuery(query);

        // getting and printing records from database:
        while (rsResultSet.next()) {
            System.out
                .println(" Last Name : " + rsResultSet.getString(1) + "\t First
Name: " + rsResultSet.getString(2));
        }

    }

}

```

HW for Dilruba apa:

plz search "postgresql java connector" and download the connector jar file and save it to a convenient location

Download link: <https://jdbc.postgresql.org/download.html>

you'll get the file: **postgresql-42.2.8.jar**