



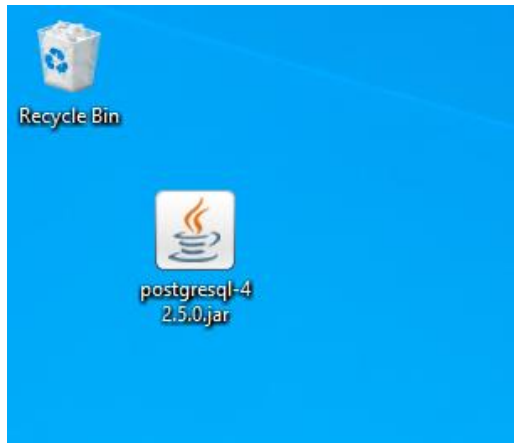
JDBC KURULUM



1. ADIM: JDBC DRIVER

<https://jdbc.postgresql.org/download/>

Üstteki linkten JDBC Driver dosyasını masaüstüne indiriniz.



Download

Binary JAR file downloads of the JDBC driver are available here and the current version with M neutral, it is a simple process of just downloading the appropriate JAR file and dropping it into available here for recent driver versions.

Latest Versions

This is the current version of the driver. Unless you have unusual requirements (running old ap should be using. It supports PostgreSQL 8.2 or newer and requires Java 6 or newer. It contains

Java 8

42.5.0

If you are using Java 8 or newer then you should use the JDBC 4.2 version.

[Download](#)

[Copy Maven](#)

Java 7

42.2.26

If you are using Java 7 then you should use the JDBC 4.1 version.

[Download](#)

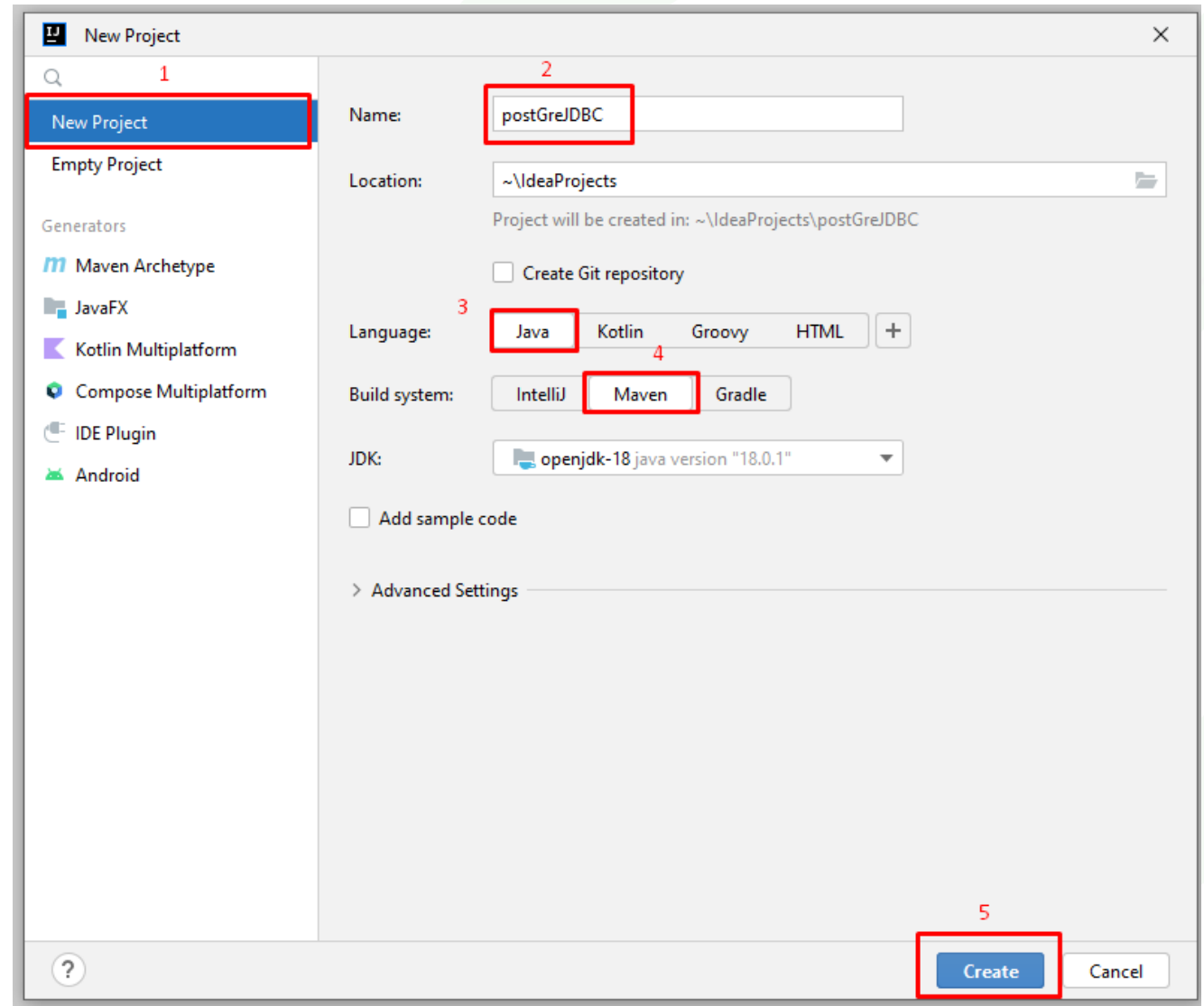
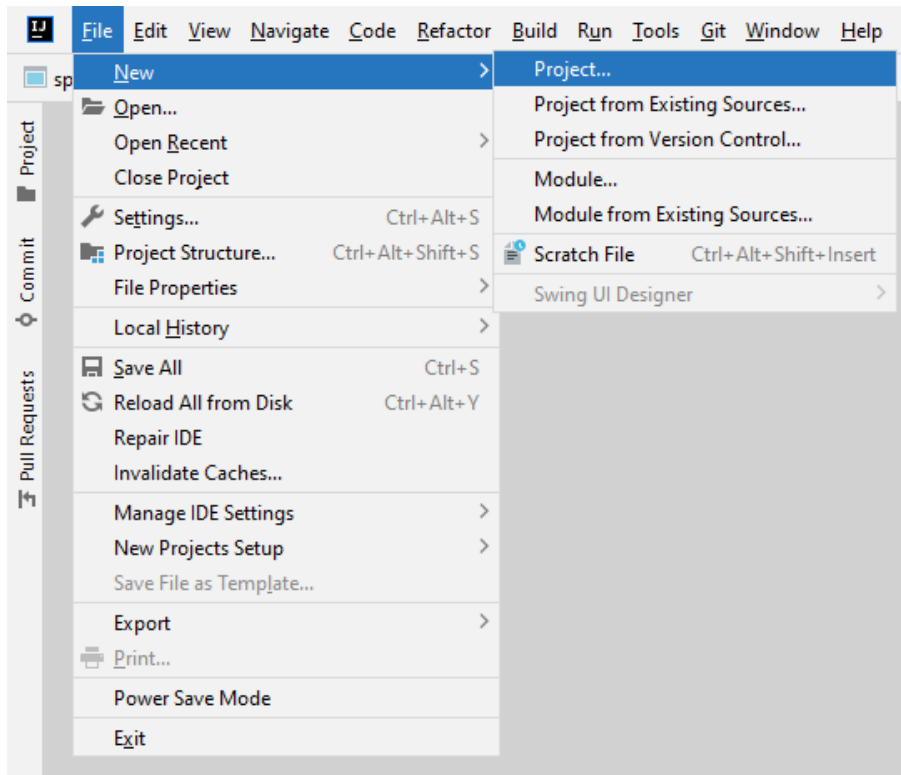
[Copy Maven](#)

Older Versions



2. ADIM: Java-Maven Projesi Oluşturunuz

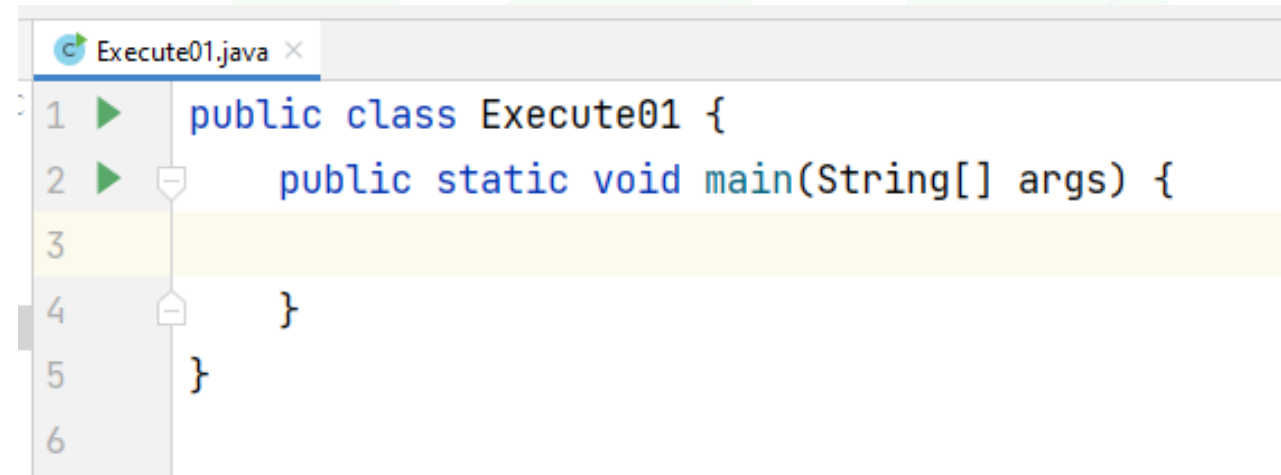
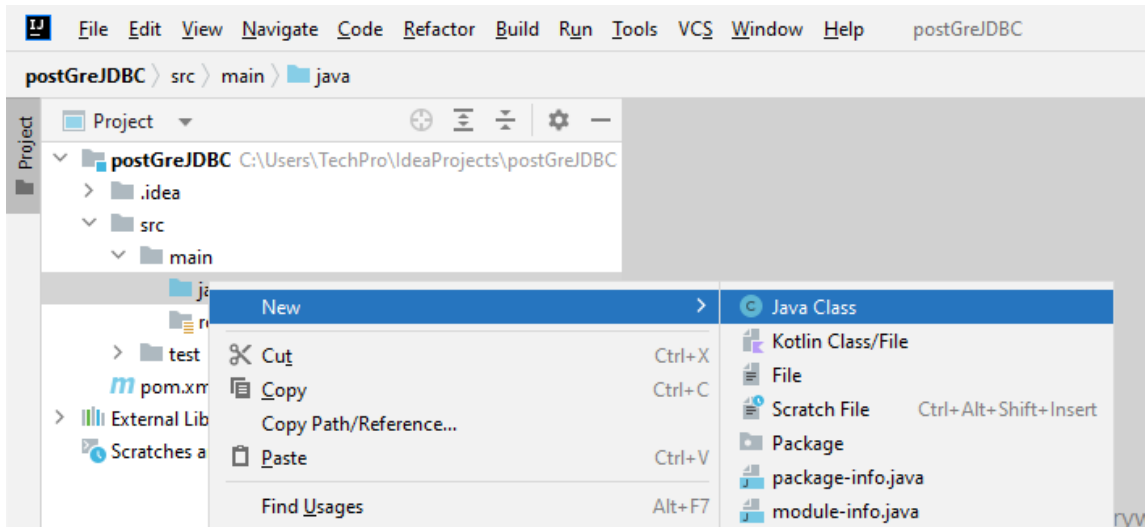
File – New - Project





3. ADIM: JAVA CLASS OLUŞTURUNUZ

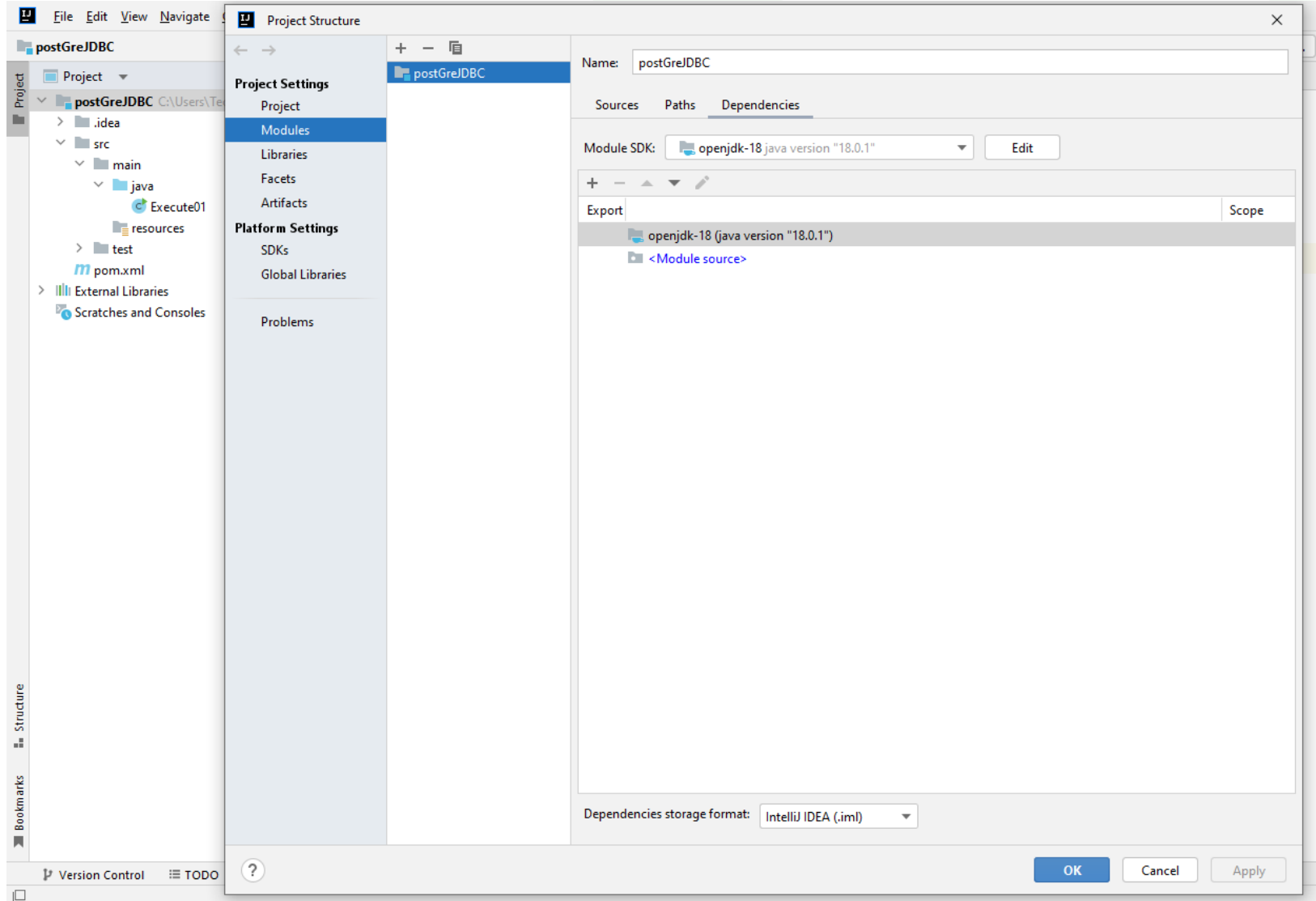
main/java klasörü altına **Execute01** adında yeni bir **java class** açıp **main** method oluşturunuz.





4. ADIM: LIBRARY EKLEME

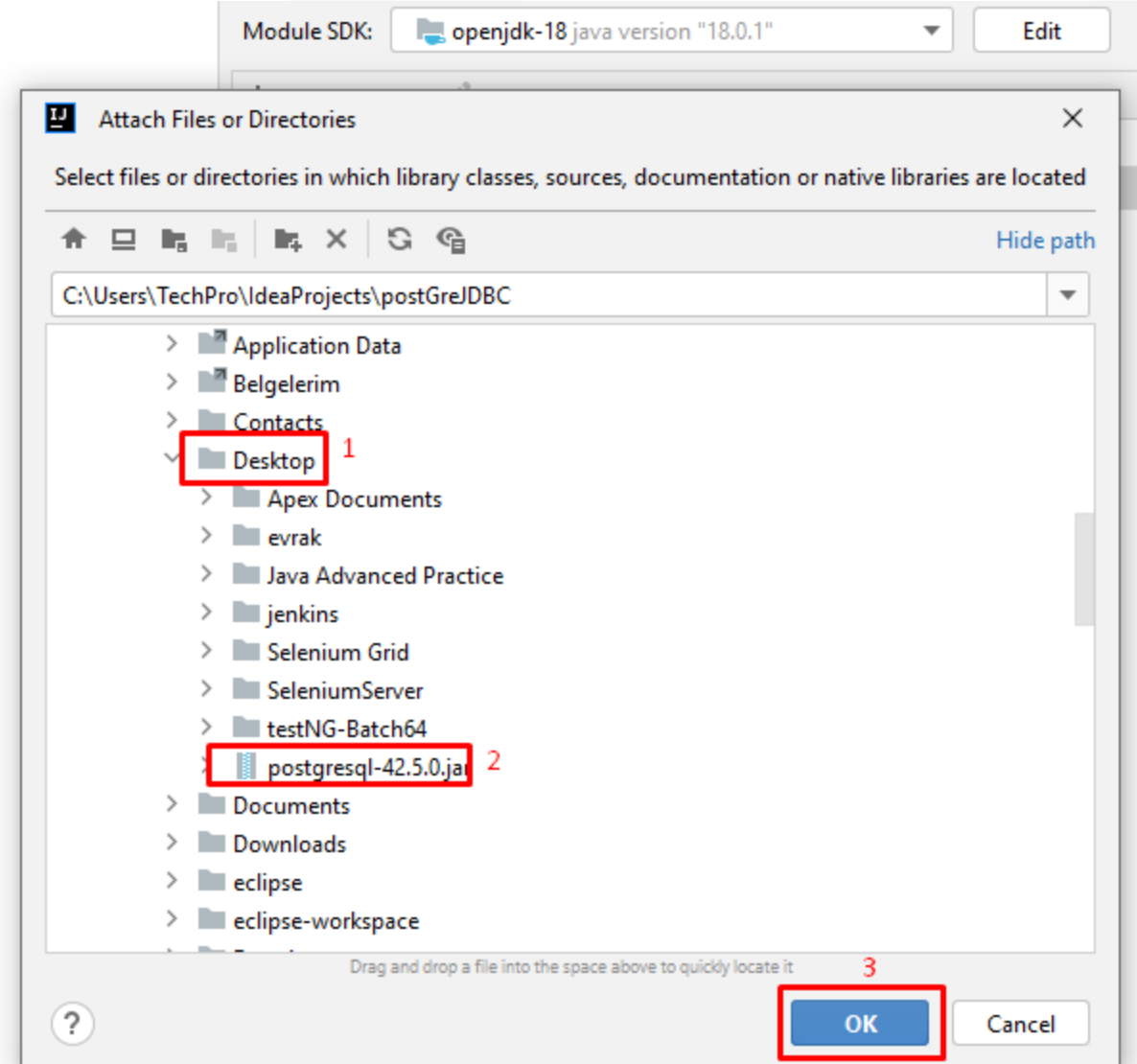
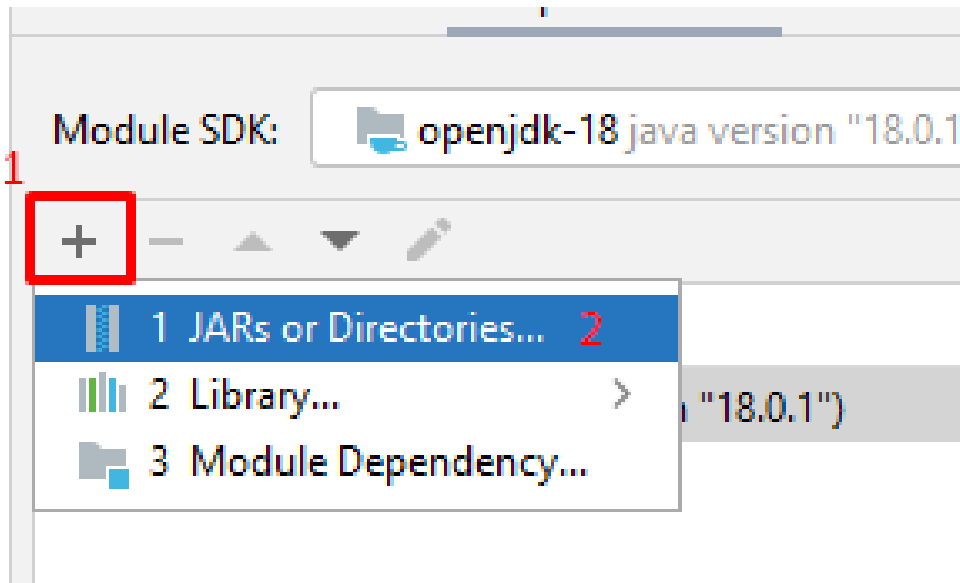
Proje ismine tıklayıp F4'e basarak Module ayarlarına geliyoruz.





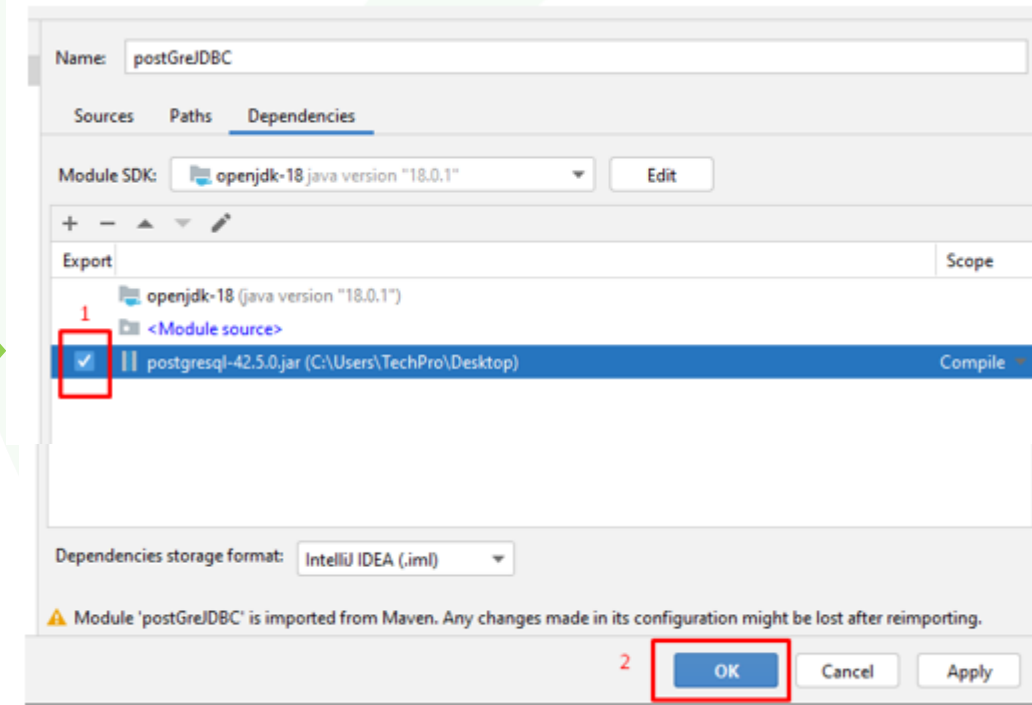
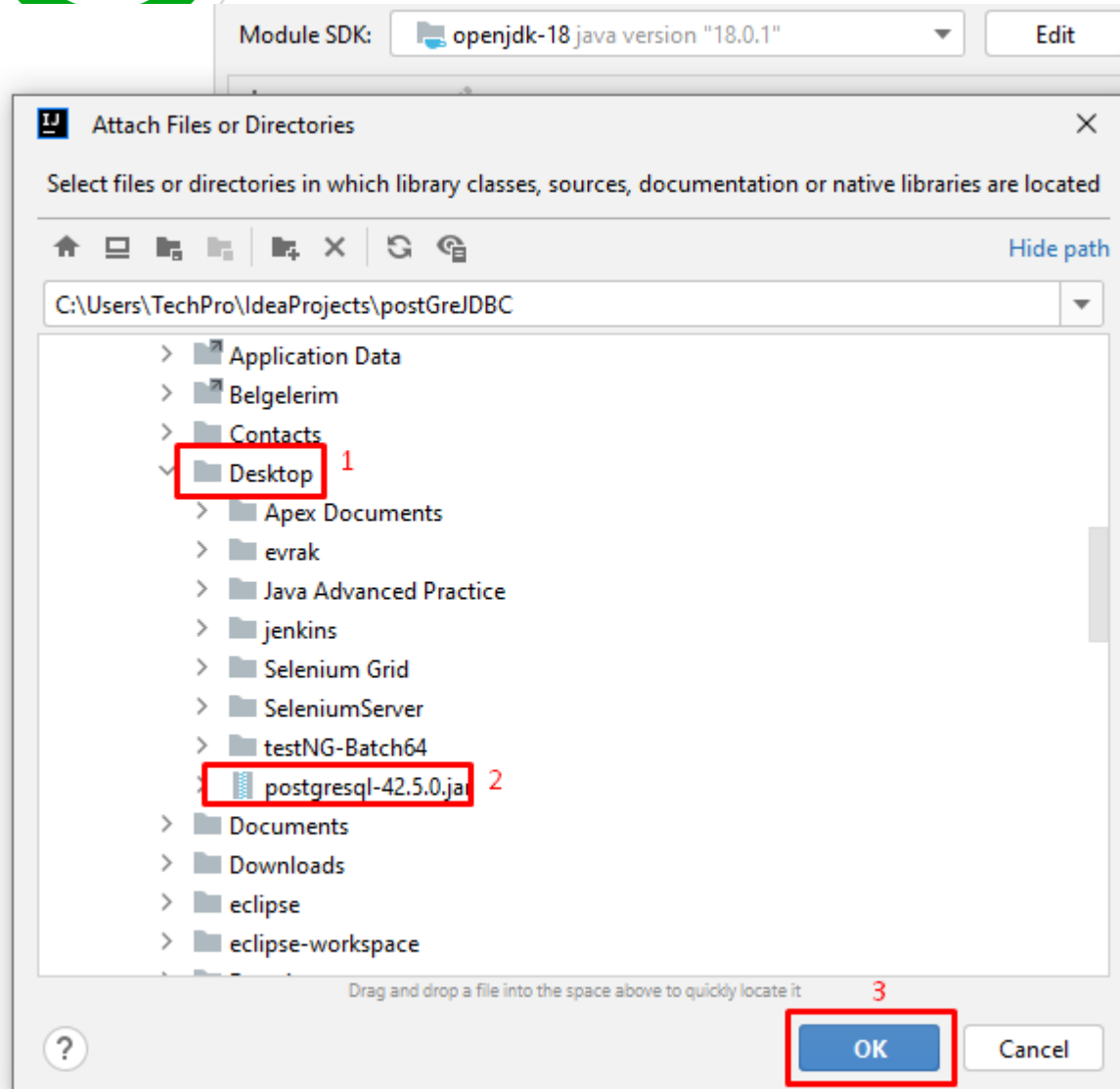
4. ADIM: LIBRARY EKLEME

Daha sonra ekranda görünen **+** (artı) işaretine tıklayıp **Jars** seçeneğini seçerek masaüstündeki **Jar** dosyamızı kütüphanemize ekliyoruz.





4. ADIM: LIBRARY EKLEME





5. ADIM: BAĞLANTI

Main methodumuza bu kodları ekliyoruz:

//1. Adım: Driver'a kaydol

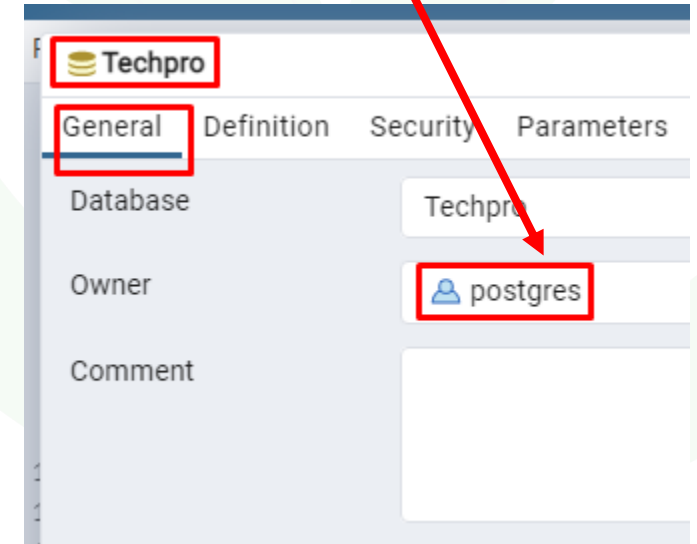
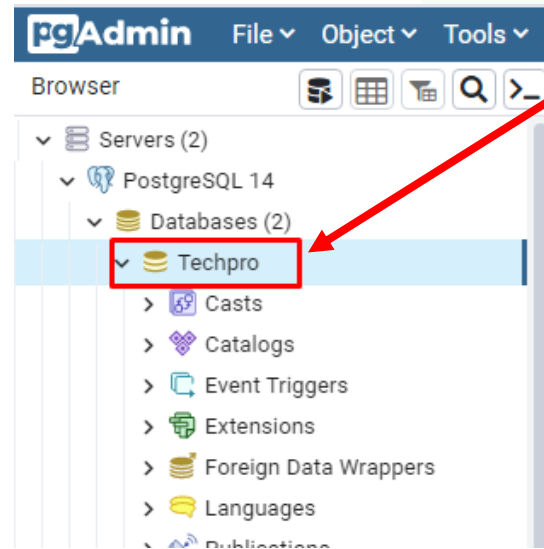
```
Class.forName("org.postgresql.Driver");
```

Şifreniz

//2. Adım: Database'e bağlan

```
Connection con = DriverManager.getConnection("jdbc:postgresql://localhost:5432/Techpro","postgres","1234");
```

2. adımda localhost sonrası /Database ismi, kullanıcı adı ve şifresini pgAdmin'i açarak kendinizinkine göre girin.



Not: Kullanıcı adına(owner) ulaşmak için Database ismine(Techpro) sağ tık yapıp 'properties' sekmesini tıklayabilirsiniz.



5. ADIM: BAĞLANTI

//3. Adım: Statement oluştur.

Statement st = con.createStatement();

System.out.println("Connection Success");

3. kodu ekledikten sonra gerekli exception'lar atılarak kodu çalıştırıyoruz.

Herhangi bir hata mesajı gelmezse kurulum tamam demektir.

The screenshot shows the IntelliJ IDEA IDE with a project named 'postGreJDBC'. The 'src/main/java' directory contains a file named 'Execute01.java'. The code in this file is as follows:

```
4 import java.sql.Statement;
5
6 public class Execute01 {
7     public static void main(String[] args) throws ClassNotFoundException, SQLException {
8         //1. Adım: Driver'a kaydol
9         Class.forName("org.postgresql.Driver");
10
11         //2. Adım: Database'e bağlan
12         Connection con = DriverManager.getConnection("jdbc:postgresql://localhost:5432/Techp");
13
14         //3. Adım: Statement oluştur.
15         Statement st = con.createStatement();
16
17         System.out.println("Connection Success");
18     }
19 }
20 }
```

The 'throws' clause in the 'main' method is highlighted with a red box. The IDE also shows the 'Run' configuration for 'Execute01' and the output console, which displays the message 'Connection Success'.