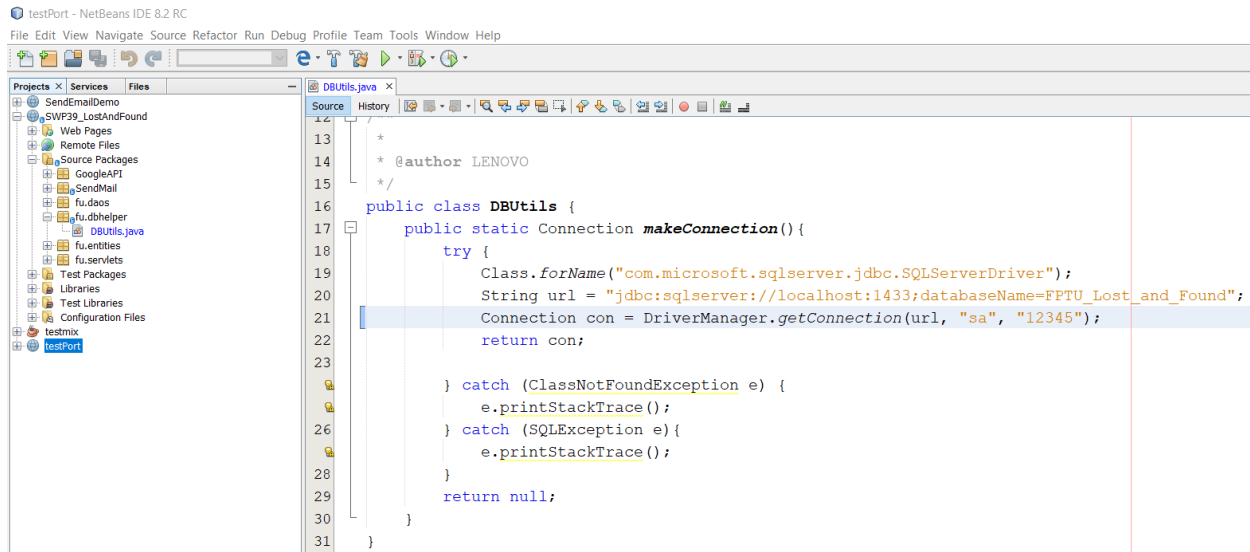


# Guideline run project by Netbeans IDE

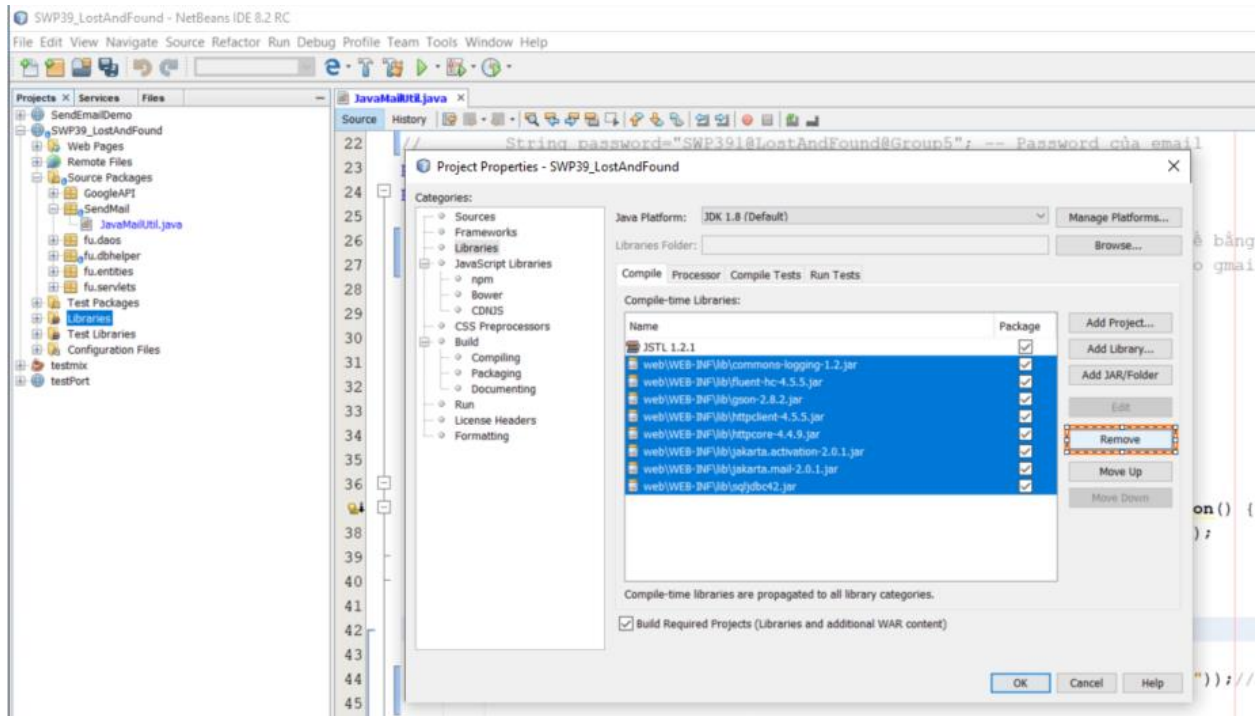
Open project by Netbeans IDE 8.2 RC

- Change password to access your database in **DBUtils.java**

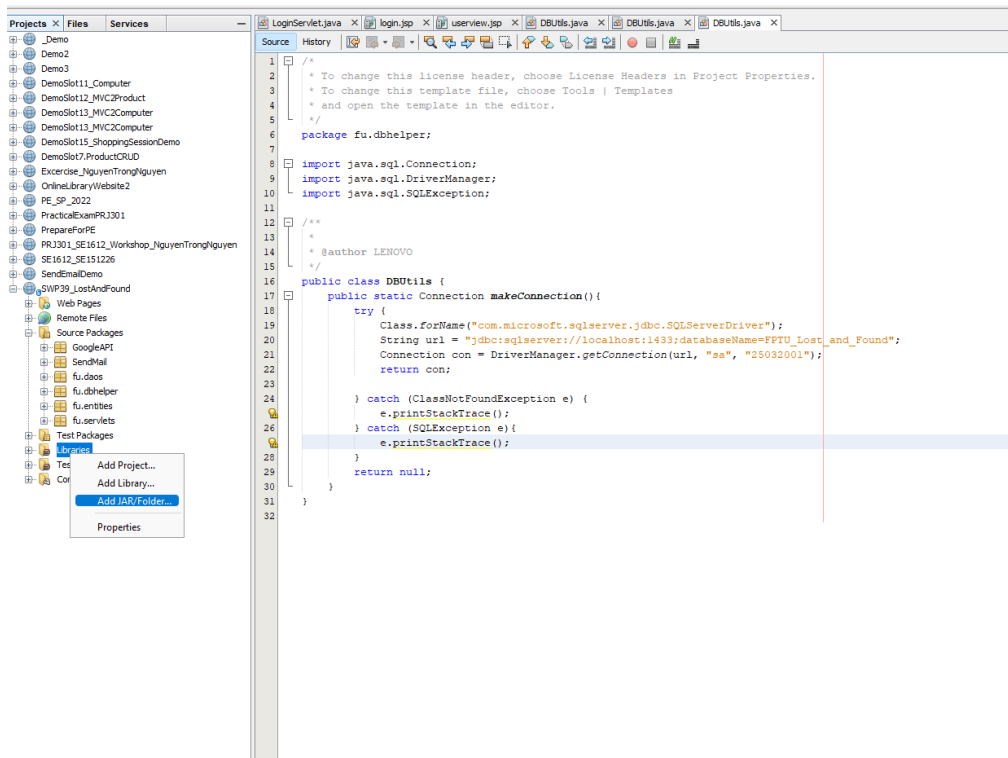


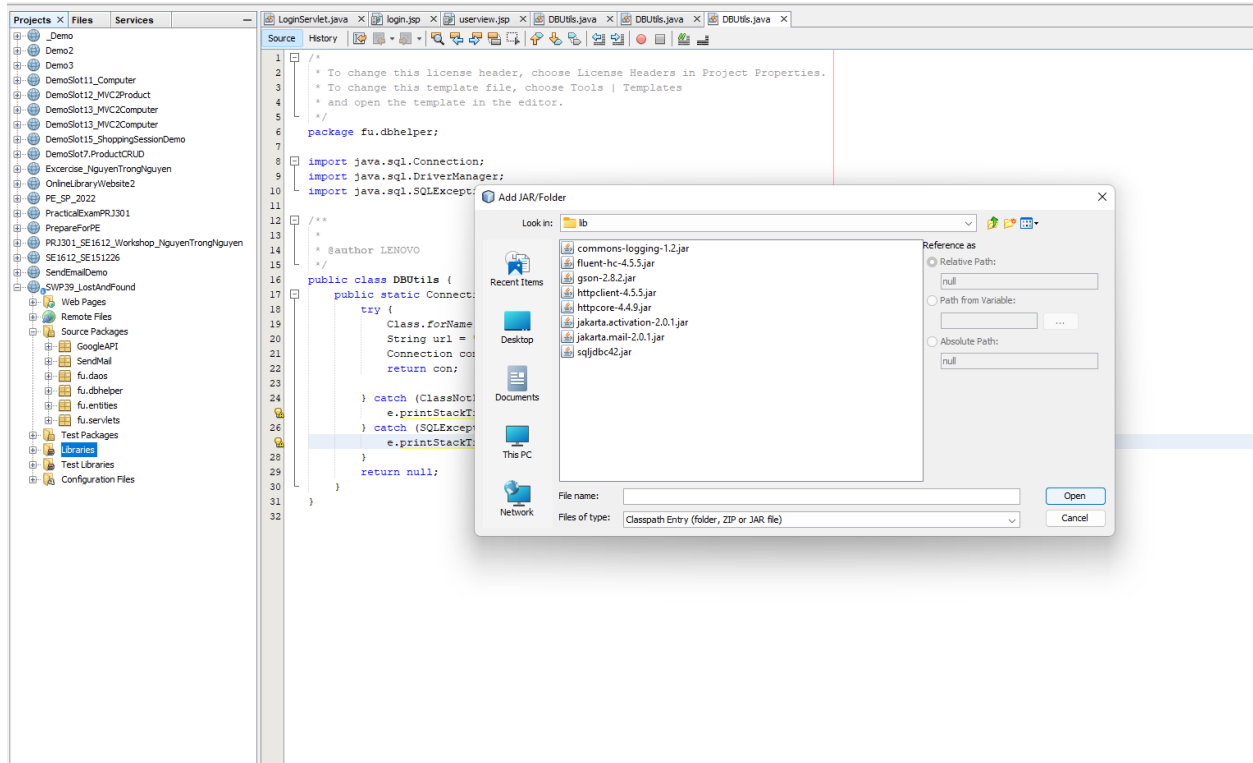
- Add libraries:

Right click on **Libraries** in project, choose **Properties** and **Remove** all libraries with alert error.



After remove all libraries with alert error then you right click on **Libraries** in project and choose **Add JAR/Folder...** then go to the place where you just extracted the project -> go to the **web** folder -> **WEB-INF** -> **lib**. Here you select all the libraries and then click open.

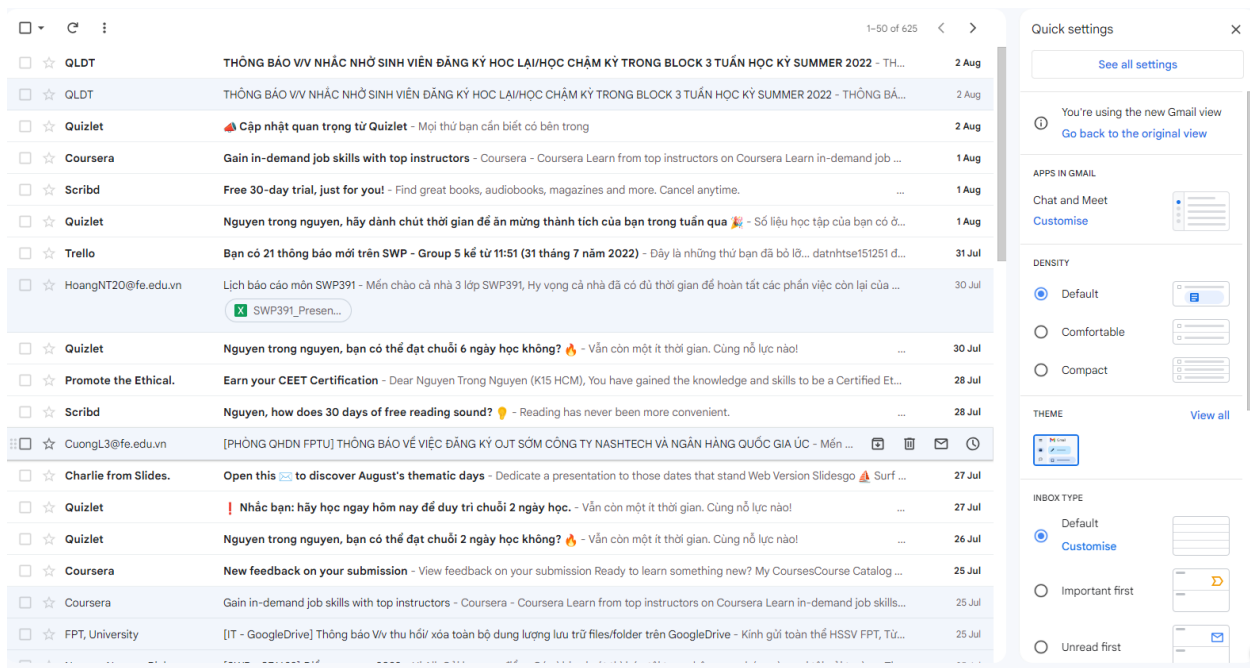




(\*) The 14 steps below you can skip if you use the email already set up in the system to use the auto send mail function with the project's admin role.

Project comes with a pre-set email to use the auto-email function. In case if you want to use your own email to perform the auto send mail function, please follow these steps:

- Step 1: Open your Gmail and click see all settings



## - Step 2: Click accounts and choose Google Account settings

### Settings

General Labels Inbox **Accounts** Filters and blocked addresses Forwarding and POP/IMAP Add-ons Chat and Meet Advanced Offline Themes

#### Change account settings:

[Google Account settings](#)

Change your password and security options and access other Google services.

#### Send mail as:

(Use FPT University Mail to send from your other email addresses)

[Learn more](#)

(K15 HCM), Nguyen Trong Nguyen <nguyenttse151227@fpt.edu.vn>

[Add another email address](#)

#### Check email from other accounts:

[Learn more](#)

[Add an email account](#)

#### Grant access to your account:

(Allow others to read and send mail on your behalf)

[Learn more](#)

[Add another account](#)

#### Mark as read

- ☒ Mark conversation as read when opened by others
- ☐ Leave conversation as unread when opened by others

#### Sender information

- ☒ Show this address and the person who sent it ('sent by ...')
- ☐ Show this address only (nguyenttse151227@fpt.edu.vn)

#### Add additional storage:

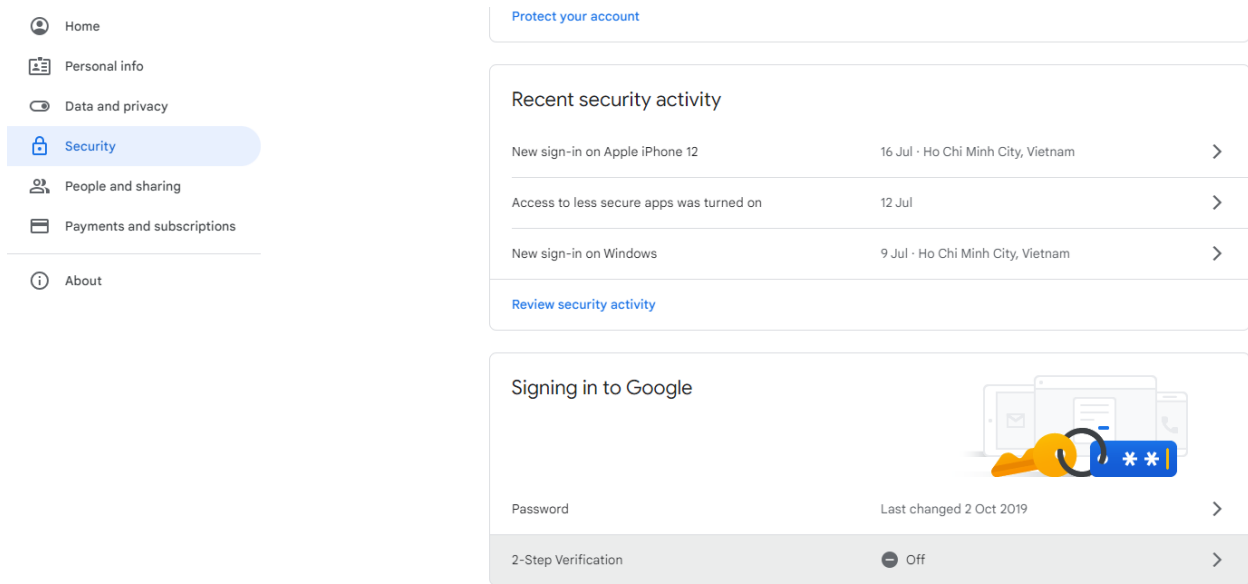
Using 42.1 GB.

Need more space? [Purchase additional storage](#)

Using 42.1 GB

Programme Policies  
Powered by Google

- Step 3: Click Security and choose 2- step verification



The screenshot displays the Google Account Security settings interface. On the left, a navigation menu includes 'Home', 'Personal info', 'Data and privacy', 'Security' (highlighted), 'People and sharing', 'Payments and subscriptions', and 'About'. The main content area is titled 'Protect your account'. Below this, the 'Recent security activity' section lists three events: 'New sign-in on Apple iPhone 12' (16 Jul - Ho Chi Minh City, Vietnam), 'Access to less secure apps was turned on' (12 Jul), and 'New sign-in on Windows' (9 Jul - Ho Chi Minh City, Vietnam). A 'Review security activity' link is provided. The 'Signing in to Google' section features an illustration of a key and a lock. It includes a 'Password' entry (last changed 2 Oct 2019) and a '2-Step Verification' entry which is currently 'Off'.

Home

Personal info

Data and privacy

**Security**

People and sharing

Payments and subscriptions

About

Protect your account

Recent security activity

New sign-in on Apple iPhone 12	16 Jul - Ho Chi Minh City, Vietnam	>
Access to less secure apps was turned on	12 Jul	>
New sign-in on Windows	9 Jul - Ho Chi Minh City, Vietnam	>

[Review security activity](#)

Signing in to Google

Password

Last changed 2 Oct 2019

2-Step Verification

Off

- Step 4: Click Get Started

## ← 2-Step Verification

---



### Protect your account with 2-Step Verification

Prevent hackers from accessing your account with an additional layer of security. When you sign in, 2-Step Verification helps make sure that your personal information stays private, safe and secure.



#### Security made easy

In addition to your password, 2-Step Verification adds a quick, second step to verify that it's you.



#### Use 2-Step Verification for all your online accounts

2-Step Verification is a proven way to prevent widespread cyber-attacks. Turn it on wherever it's offered to protect all your online accounts.



Safer with Google

[GET STARTED](#)

- Step 5: Enter your password



Nguyen Trong Nguyen (K15 HCM)



nguyenntse151227@fpt.edu.vn ▾

To continue, first verify that it's you

Enter your password

.....|




Show password

[Forgot password?](#)

Next



- Step 6: Choose a verification method and click next

## ← 2-Step Verification



**Almost there! Add a backup option**

If you lose your phone or your second step is unavailable, you'll need a backup option to help you get in to your account.

  \_\_\_\_\_

Google will only use this number for account security.  
Don't use a Google Voice number.  
Message and data rates may apply.

How do you want to get codes?

☒ Text message    ☐ Phone call

[USE ANOTHER BACKUP OPTION](#) [SEND](#)

- Step 7: Enter code send your phone



## ← 2-Step Verification



### Confirm that it works

Google just sent a text message with a verification code to **0898 983 892**.

[Enter the code](#)

G-810678|

Didn't get it? [Resend](#)

[BACK](#)

[NEXT](#)

- Step 8: Click turn on

## ← 2-Step Verification



### Turn on 2-Step Verification?

Second step: **Google prompt (default)**

Backup option: **Voice or text message**

You'll stay signed in to **nguyentse151227@fpt.edu.vn** on these devices: **iPhone của Trọng Nguyên** and **TN**.

You might be signed out of your other devices. To sign back in, you'll need your password and second step.

**TURN ON**

- Step 9: Now you can add password

## Recent security activity

Signing in with 2-Step Verification was turned on	23:34 · Vietnam	>
New sign-in on Apple iPhone 12	16 Jul · Ho Chi Minh City, Vietnam	>
Access to less secure apps was turned on	12 Jul	>

[Review security activity \(4\)](#)

## Signing in to Google



Password	Last changed 2 Oct 2019	>
2-Step Verification	<input checked="" type="checkbox"/> On	>
App passwords	None	>

- Step 10: Enter password again



Nguyen Trong Nguyen (K15 HCM)

 nguyennntse151227@fpt.edu.vn ▾

To continue, first verify that it's you

Enter your password

☐ Show password

[Forgot password?](#)

Next

English (United Kingdom) ▾

[Help](#)

[Privacy](#)

[Terms](#)

- Step 11: Click other and enter name you want

## ← App passwords

---

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

You don't have any app passwords.

Select the app and device for which you want to generate the app password.

Select app

Mail

Calendar

Contacts

YouTube

Other (*Custom name*)

Select device



GENERATE

- Step 12: After enter name, click Generate

## ← App passwords

---

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

You don't have any app passwords.

Select the app and device for which you want to generate the app password.

mailSender 

GENERATE

- Step 13: Copy 12-characters key word

## ← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

### Generated app password

Your app password for your device

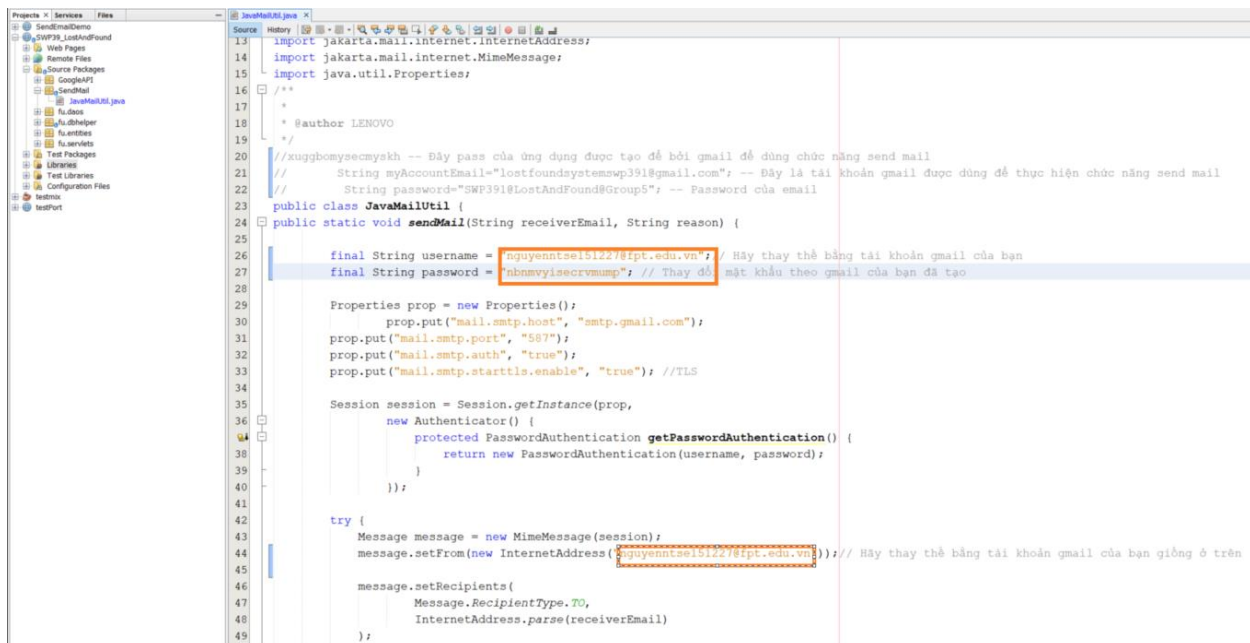
**nbnm vyis ecrv mump**

#### How to use it

Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.

DONE

- Step 14: Open netbean and update with your email:  
Open package **SendMail** then open **JavaMailUtil.java** and change with your mail:



```
13 import jakarta.mail.internet.InternetAddress;
14 import jakarta.mail.internet.MimeMessage;
15 import java.util.Properties;
16
17 /**
18  * @author LENOV0
19  */
20 //xuggbomysecmysh -- Đây pass của ứng dụng được tạo để bởi gmail để dùng chức năng send mail
21 // String myAccountEmail="lostfoundsystems391@gmail.com"; -- Đây là tài khoản gmail được dùng để thực hiện chức năng send mail
22 // String password="SWF391@LostAndFound@Group5"; -- Password của email
23 public class JavaMailUtil {
24     public static void sendMail(String receiverEmail, String reason) {
25
26         final String username = "nguyentse15122@ipt.edu.vn"; // Hãy thay thế bằng tài khoản gmail của bạn
27         final String password = "nbnmvyiseCRMump"; // Thay đổi mật khẩu theo gmail của bạn đã tạo
28
29         Properties prop = new Properties();
30         prop.put("mail.smtp.host", "smtp.gmail.com");
31         prop.put("mail.smtp.port", "587");
32         prop.put("mail.smtp.auth", "true");
33         prop.put("mail.smtp.starttls.enable", "true"); //TLS
34
35         Session session = Session.getInstance(prop,
36             new Authenticator() {
37                 protected PasswordAuthentication getPasswordAuthentication() {
38                     return new PasswordAuthentication(username, password);
39                 }
40             });
41
42         try {
43             Message message = new MimeMessage(session);
44             message.setFrom(new InternetAddress("nguyentse15122@ipt.edu.vn")); // Hãy thay thế bằng tài khoản gmail của bạn giống ở trên
45
46             message.setRecipients(
47                 Message.RecipientType.TO,
48                 InternetAddress.parse(receiverEmail)
49             );
50         }
```

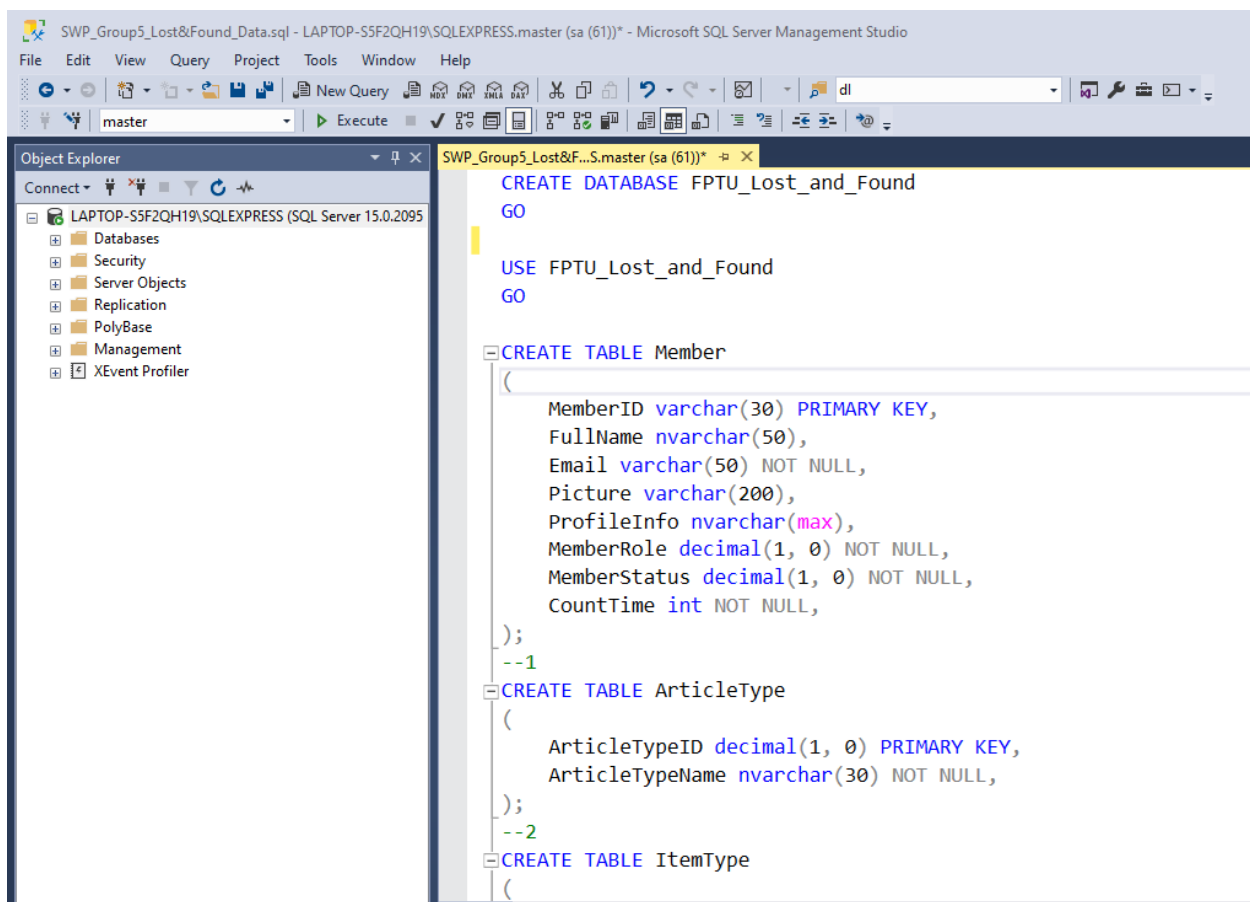
(\*) If you don't want to change with your own email and use the existing email provided by the project, please skip the 14 steps above.

-----Continue with main steps to run project-----

(\*) Run app:

(\*) **Notice:** This project must be run with **port 8080** to use the function login by Google. Beside that, please change display setting of screen to **100%**. Finally, this web app can only login with fpt emai.

- First, please run file **SWP\_Group5\_Lost&Found\_Data.sql** on **Microsoft SQL Server Management Studio**



The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the file 'SWP\_Group5\_Lost&Found\_Data.sql' is open, connected to 'LAPTOP-S5F2QH19\SQLEXPRESS.master (sa (61))'. The Object Explorer on the left shows the server structure. The main query window displays the following SQL script:

```
CREATE DATABASE FPTU_Lost_and_Found
GO

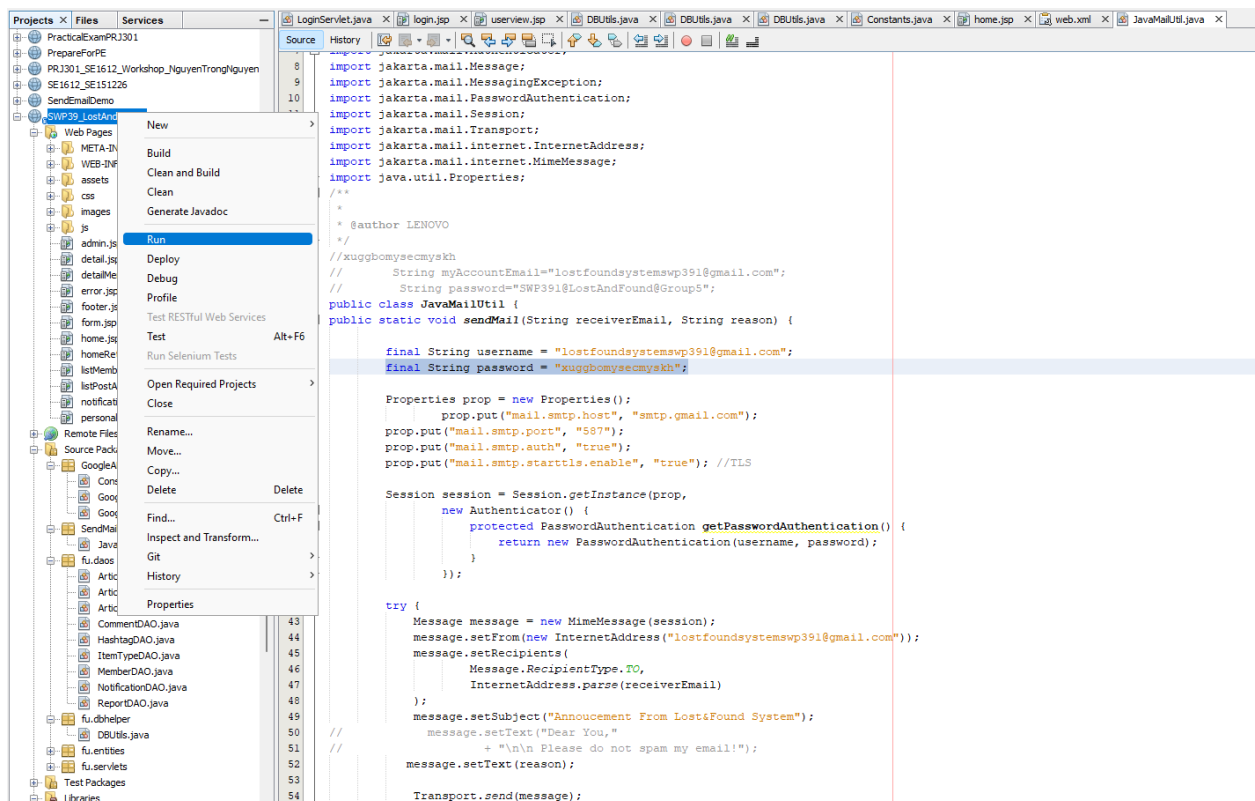
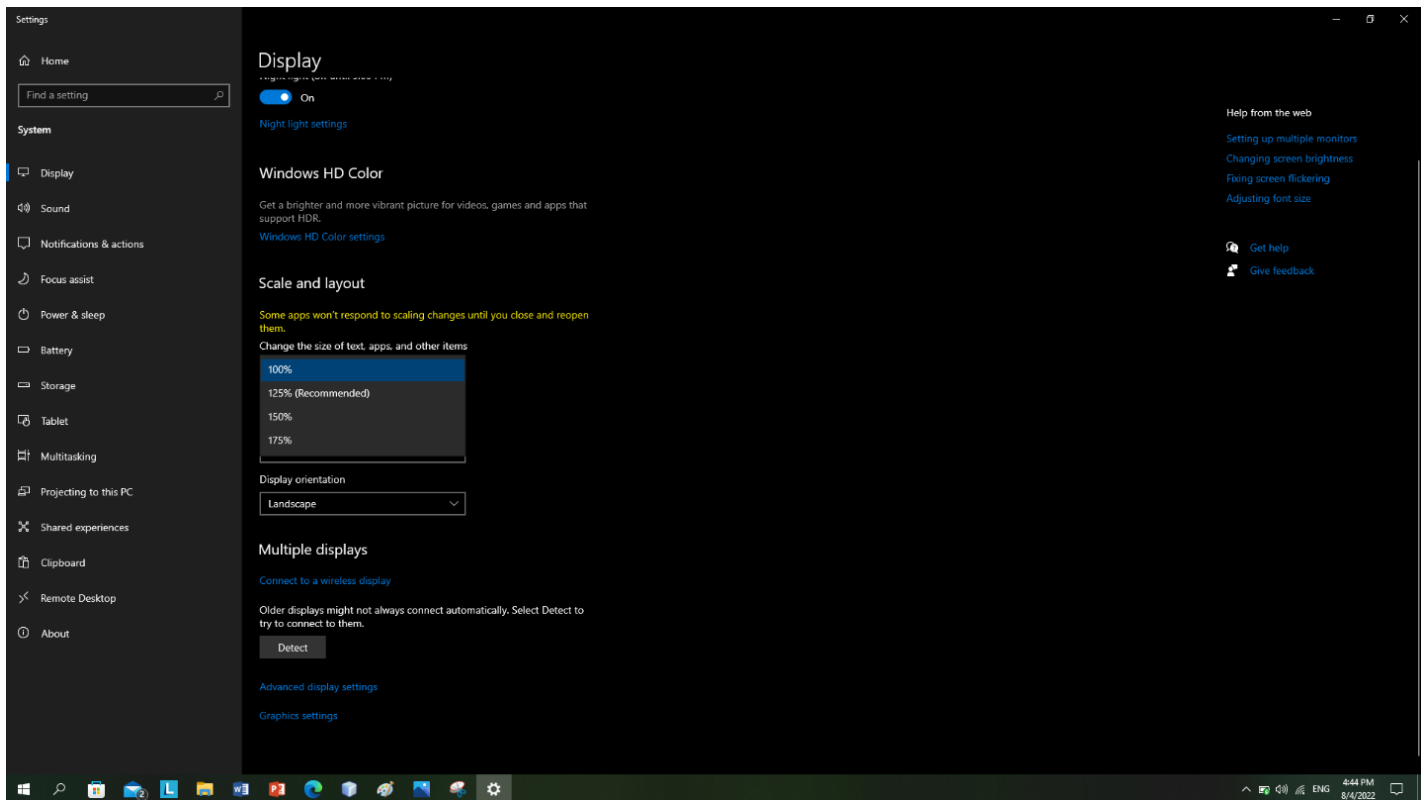
USE FPTU_Lost_and_Found
GO

CREATE TABLE Member
(
    MemberID varchar(30) PRIMARY KEY,
    FullName nvarchar(50),
    Email varchar(50) NOT NULL,
    Picture varchar(200),
    ProfileInfo nvarchar(max),
    MemberRole decimal(1, 0) NOT NULL,
    MemberStatus decimal(1, 0) NOT NULL,
    CountTime int NOT NULL,
);
--1

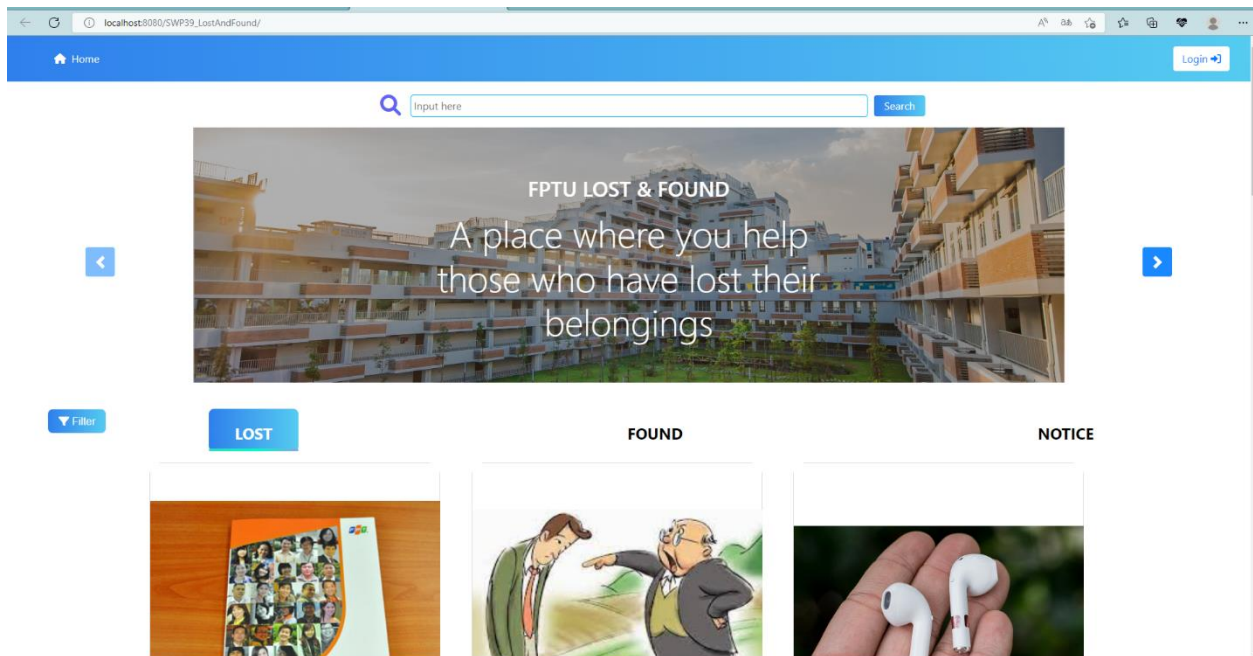
CREATE TABLE ArticleType
(
    ArticleTypeID decimal(1, 0) PRIMARY KEY,
    ArticleTypeName nvarchar(30) NOT NULL,
);
--2

CREATE TABLE ItemType
(
```





Project after run and display on Browser:



-----END-----