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A PROJECT
CREATED BY STUDENTS OF
B.Tech CSE (BIG DATA AND ANALYTICS)
BATCH - 2016 (SEMESTER – 5)

MAIL SERVER
(Mailing System)

Credits

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USER MANUAL

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INTRODUCTION TO MAIL SERVER AND WORKFLOW

- MAIL SERVER requires a **Pre-Formatted Excel File** to send the email to the pre-defined users.
- **Based on the Email Id and Attachment** mail will be sent using the pre-defined **Dates** mentioned in the excel sheet.
- After selecting the excel file and the spreadsheet the mail will be **sent automatically** to the data provided in the excel sheet.
- Once the mail is sent to the user, the MAIL SERVER will automatically destroy the password of the user for security purposes.

REQUIREMENTS

To Run MAIL SERVER the following are the basic needs that one should take care of before processing for further steps.

- Make sure the device is having working Internet Connection.
- Make sure the e-mail address of the sender does have permission for security protocols.

For Examples:

GMAIL has LESS SECURE APPS Permission

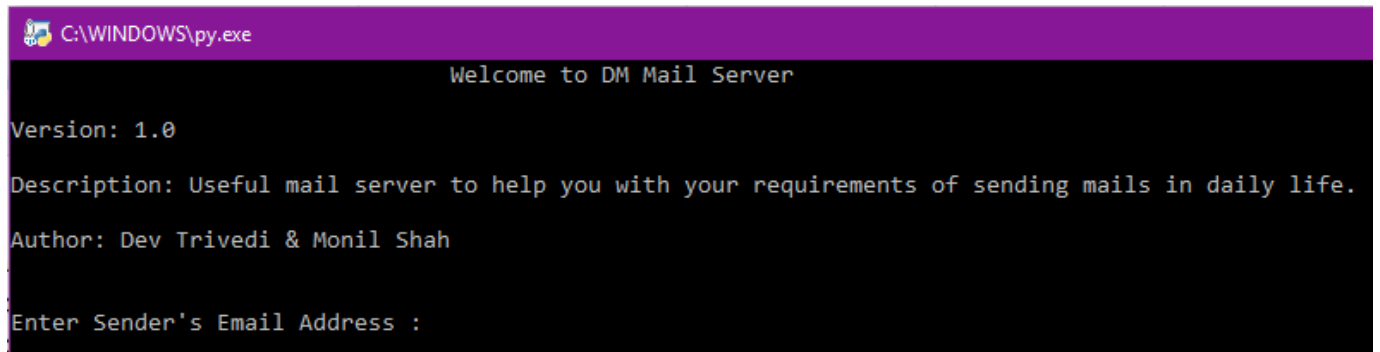
<https://support.google.com/a/answer/6260879?hl=en>

The above link will show HOW TO ENABLE permission to send email.

- Make sure that **2-STEP VERIFICATION** is **TURN OFF** in your email-id.
- Make sure that you **select the Pre-Formatted Excel File** with relevant data before e-mailing it.
- Remember to **Close** the excel file before running the MAIL SERVER.
- Make sure you close the program properly to stop the execution.

STEPS TO RUN THE PROGRAM

1. Double click the.EXE file to launch the program.



```
C:\WINDOWS\py.exe
Welcome to DM Mail Server

Version: 1.0

Description: Useful mail server to help you with your requirements of sending mails in daily life.
Author: Dev Trivedi & Monil Shah

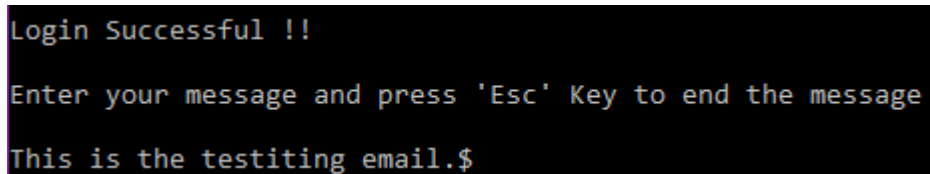
Enter Sender's Email Address :
```

The program launches as above shown.

2. Enter the sender's E-Mail.

3. Enter the valid password of the sender's E-Mail.

4. Enter the body part of your E-Mail. Remember to press '\$' when you are done with the body part.

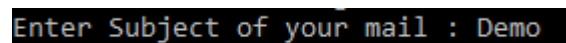


```
Login Successful !!

Enter your message and press 'Esc' Key to end the message

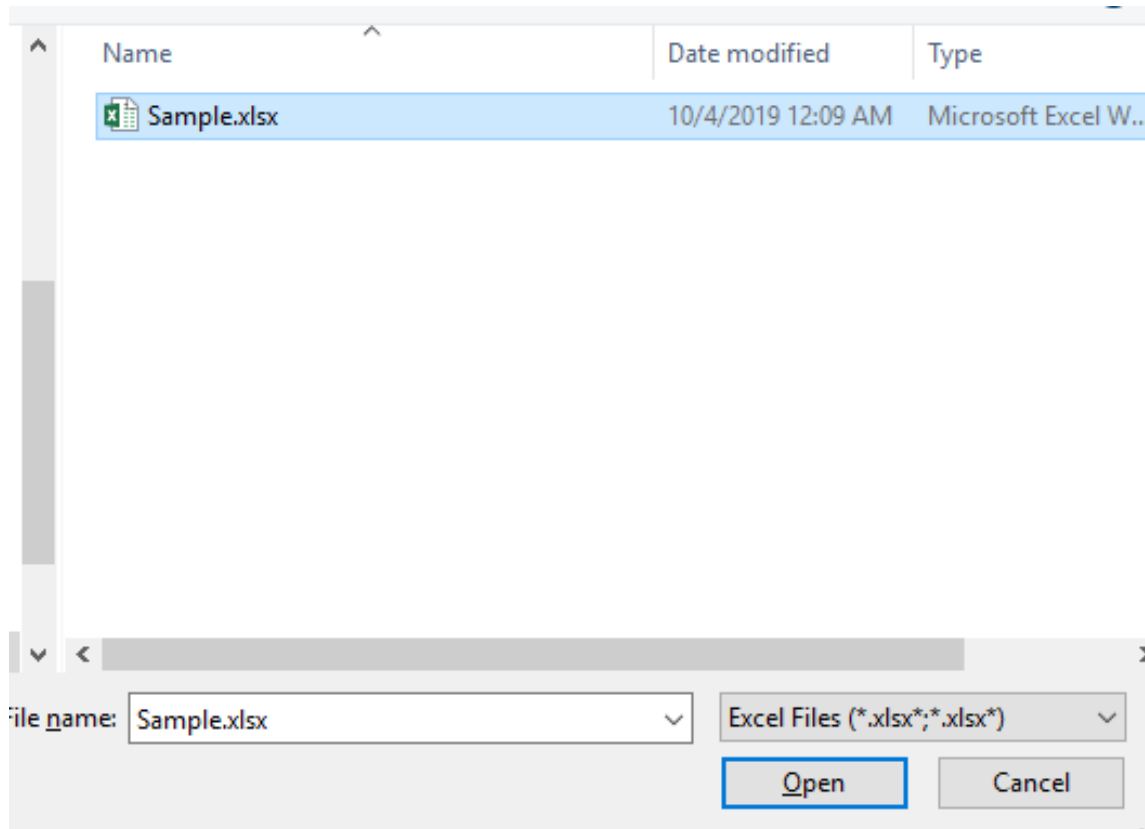
This is the testiting email.$
```

5. Enter the Subject of your Mail.



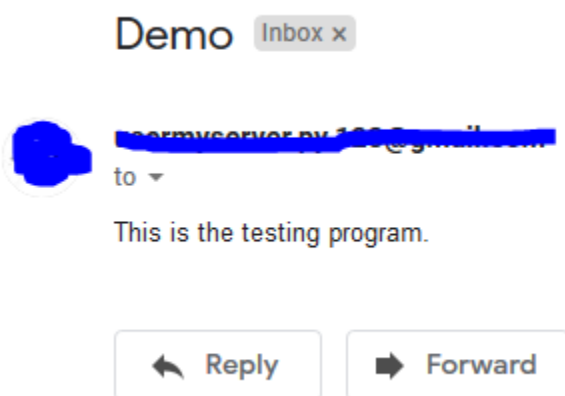
```
Enter Subject of your mail : Demo
```

6. Select the Pre-Formatted Excel File.



7. Enter the SpreadSheet name of the Excel File.

8. Once you have correctly followed the steps the mail will be sent and the EXE file will be closed automatically.



GENERAL QUERIES

1. Why it says “Enter Valid Email id”

Sol. Because the e-mail address wasn't filled and the Enter Button was pressed, Or the e-mail address is not valid.

2. Why it says “Enter password again”

Sol. Because the password wasn't filled and you pressed Enter button or the password entered may be invalid.

3. Why it says “Please select a file first”.

Sol. It happens due to 2 different reasons.

If the Login Button pressed with credentials entered and the file wasn't selected.

If the File Selection Dialog box was closed without selecting a file. So, press OK to close the information box and Select the file before processing further.

4. Why after Selecting file, filling correct credentials the mails are not sent?

Sol. It happens in case the selected Excel file is currently opened in the background. So, Close it and press Login Button.

5. Check your internet connection or system proxy and try again.

Sol. Check if you are having an active internet connection or not. Also check if you are not using any proxy internet connection, if so then switch to the proxy less internet connection.

EXCEL FILE

WARNING:

DO NOT CHANGE ANY ORDER WHERE IT IS “RESTRICTED”.

CHANGE ONLY WHERE IT IT “CAN BE CHANGED”

IF THE ORDER IS CHANGED AND/OR THE CHANGES ARE CARRIED OUT WITHOUT CARE, IT WILL LEAD TO AN ERROR OR AN EMAIL WITHOUT ANY ATTACHMENT.

Restriction:

- Do not change the cell A1, B1, C1 and D1
- Don't fill any data into the Status column. It will be filled automatically after successfully sending the Email.

Can be changed:

- Other than the above cells any of the following cells can be changed according to requirements.

	A	B	C	D
1	Email Id	Attachment Path	Date	Status
2	example@domain.com	D:/MailServer/Demo.png	4	
3				

ABOUT

This project is created by Dev Trivedi and Monil Shah as a part of the Academics project under the guidance of Prof. Dhaval Sathawara. This project is completely based on the python language. With the help of the build-in function and the knowledge of the code python language, this project is built. It took almost 3 months to complete this project. This project can also be used for professional purposes after modifying some parts of the code as per the requirement of the user.