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**Batch : B2:**

**Roll No. : 16010421119**

**Course: WP – II**

**Experiment No. : 7 – PHP Mailer**

**Code:**

<?php

require '../vendor/autoload.php';

use PHPMailer\PHPMailer\PHPMailer;

use PHPMailer\PHPMailer\SMTP;

use PHPMailer\PHPMailer\Exception;

require\_once '../vendor/phpmailer/phpmailer/src/Exception.php';

require\_once '../vendor/phpmailer/phpmailer/src/PHPMailer.php';

require\_once '../vendor/phpmailer/phpmailer/src/SMTP.php';

$mail = new PHPMailer(true);

try {

    $mail->SMTPDebug = SMTP::DEBUG\_SERVER;

    $mail->isSMTP();

    $mail->Host = 'smtp.gmail.com';

    $mail->SMTPAuth = true;

    $mail->SMTPSecure = PHPMailer::ENCRYPTION\_STARTTLS;

    $mail->Port = 587;

    $mail->Username = 'aarya.tiwari@somaiya.edu';

    $mail->Password = 'powrgjqgasgkna';

    $mail->setFrom('aarya.tiwari@somaiya.edu', 'Aarya Tiwari');

    $mail->addAddress('p.varshney@somaiya.edu', 'Priyanshi Varshney');

    $mail->addReplyTo('aarya.tiwari@somaiya.edu', 'Aarya Tiwari');

    $mail->IsHTML(true);

    $mail->Subject = "Mail dekho mail";

    $mail->Body = 'Hello';

    $mail->AltBody = 'Hello';

    $mail->send();

    echo "Email message sent.";

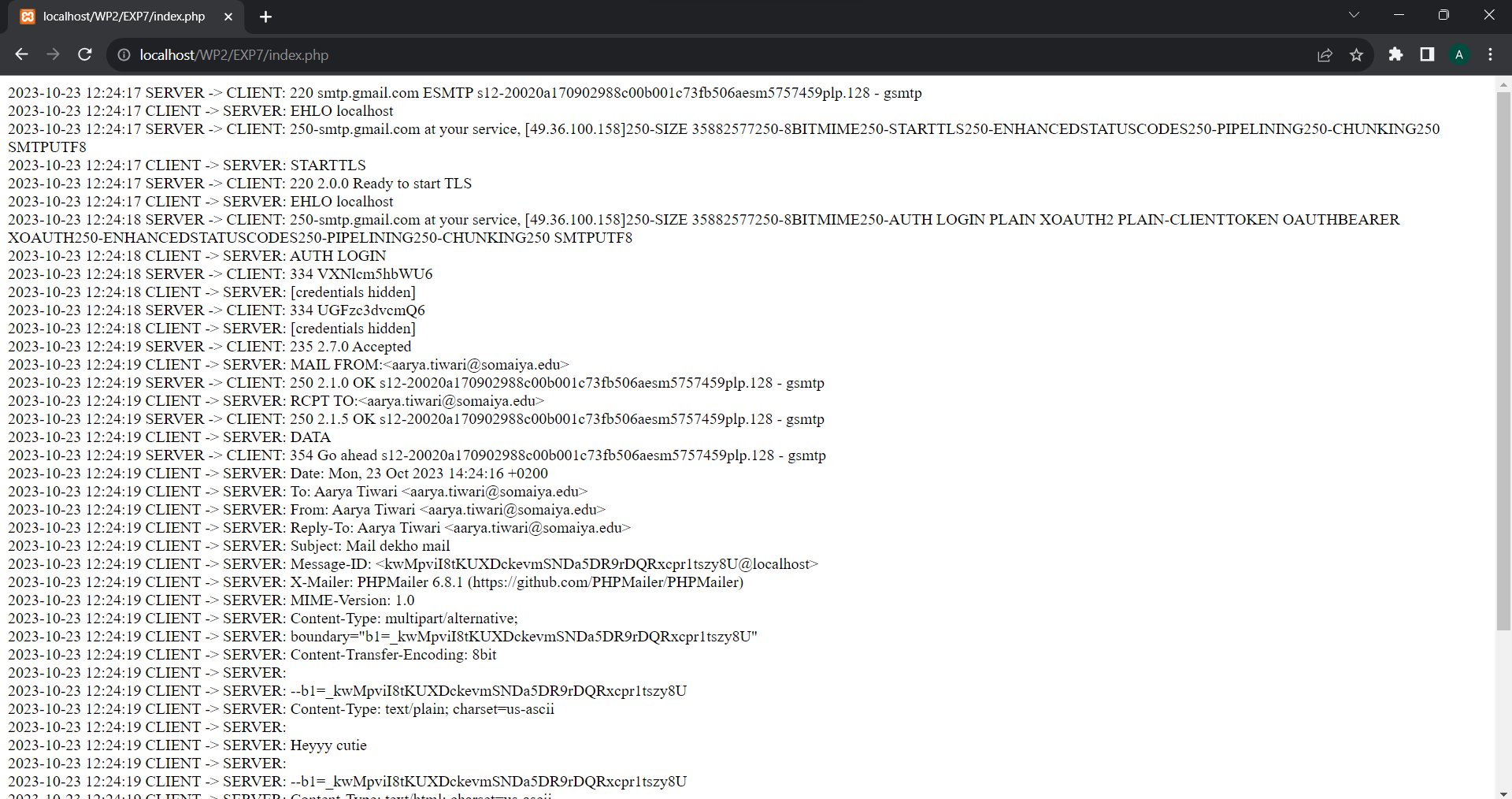
} catch (Exception $e) {

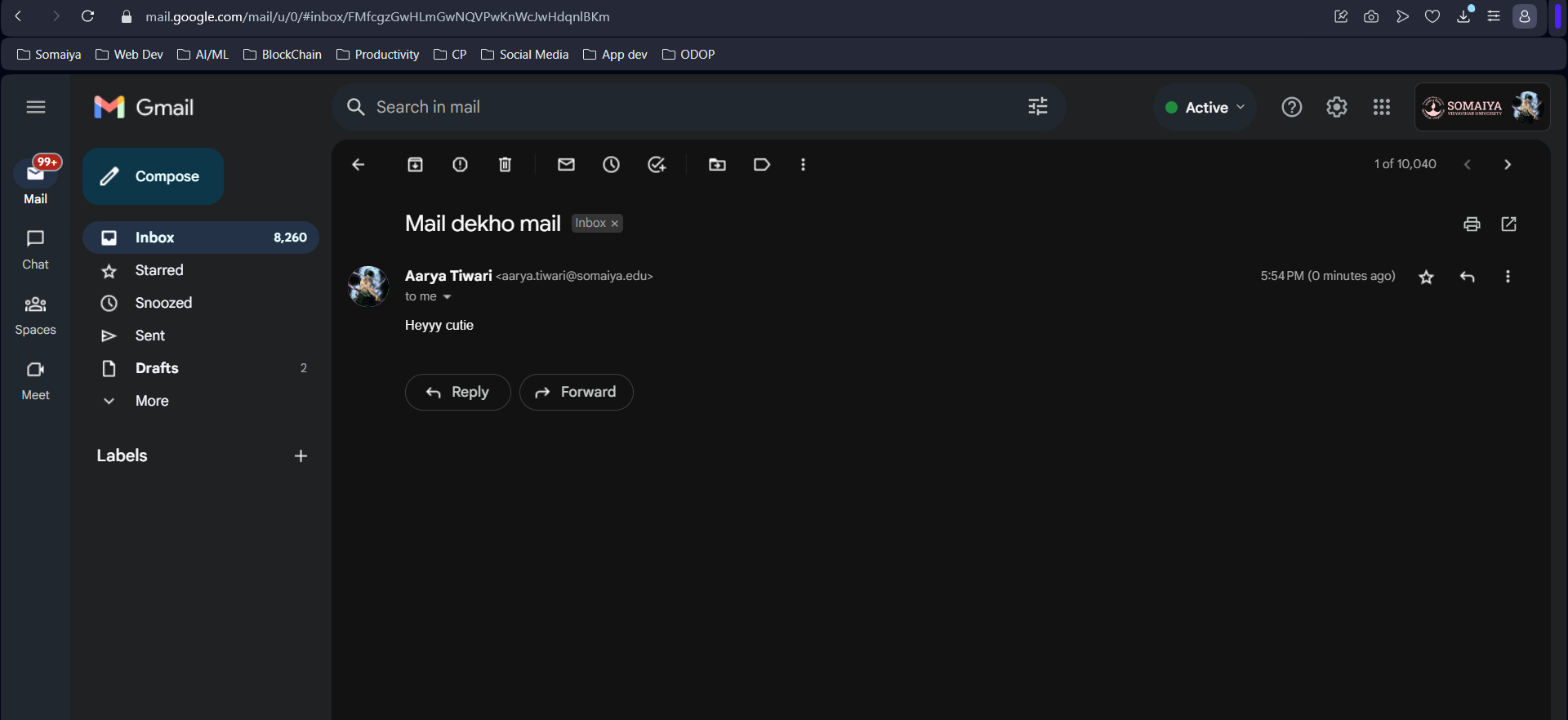
    echo "Error in sending email. Mailer Error: {$mail->ErrorInfo}";

}

?>

**Output:**

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**Post Lab Questions:**

1. **What are the advantages of using PHPMailer over mail() function to send mail in PHP?**

* PHPMailer is like a supercharged way to send emails in PHP. Here's why it's better than the basic "mail()" function:

1. Send through Gmail and More: You can use Gmail, Outlook, or other services to send emails. It's more reliable than the basic way.

2. Helpful Errors: If something goes wrong, PHPMailer tells you what's broken. The basic way isn't as clear.

3. Attach Files Easily: You can add files to your emails easily. With the basic way, it's harder.

4.Fancy Emails Made Easy: You can send beautiful HTML emails without trouble. The basic way makes you work more.

5. Language and Looks Right: PHPMailer handles how your emails look, so they're good in different email programs. With the basic way, you need to worry about this.

6. Login for Security: You can log in when sending emails securely. The basic way isn’t do this.

7.Safer Sending: You can send emails in a more secure way using things like SSL and TLS. The basic way may not be as safe.

8. Complex Emails Made Simple: PHPMailer can handle sending emails with lots of parts, like text, pictures, and files. The basic way can't do that well.

9. Helpful Docs and Support: You can find lots of help and info for PHPMailer. It's harder to get help in the basic way.

10. Cool Extras: PHPMailer comes with extra features like email templates and better email management. The basic way doesn't have these.

1. **How to use PHPMailer with Gmail?**

To set up PHPMailer with Gmail for sending emails:

1)Install PHPMailer via Composer:

Use Composer to install PHPMailer:

2) Import PHPMailer in your PHP script:

Include PHPMailer and related classes:

# 3) Create email configuration:

Configure Gmail SMTP settings and your email details:

4)Configure Gmail Account:

In your Google Account settings, allow "Less secure apps" or generate an "App Password" if using two-factor authentication.

5)Security Considerations:

Avoid storing your Gmail password in your script; use environment variables or configuration files for security.

6)Testing and Troubleshooting:

Test your email script, and if issues arise, check error messages and ensure proper configuration of PHPMailer and Gmail settings.

**Outcomes:**

CO3-Carry out database operations using PHP.

**Conclusion:**

Thus, in this experiment we learnt to Send Email Using PHP With PHP Mailer