**Web Programming Assignment -11**

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Q1. A simple calculator web application that takes two numbers and an operator (+, /,\*and %) from an HTML page and returns the result page with the operation performed on the operands.

**index.html**

<html>

<head>

<title>Simple Calculator</title>

</head>

<body>

<h2 align = "center"> Simple Calculator </h2>

<form method = "post" action = "Q1.php" >

<table align="center">

<tr>

<td>Enter First Number : </td>

<td><input type="text" name="fnum"></input> </td>

</tr>

<tr>

<td>Enter Second Number : </td>

<td><input type="text" name="snum"></input> </td>

</tr>

<tr>

<td colspan=2>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="submit" name="op" value="+"></input> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="submit" name="op" value="-"></input> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="submit" name="op" value="\*"></input> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="submit" name="op" value="/"></input> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="submit" name="op" value="%"></input> </td>

</tr>

</table>

</form>

</body>

</html>

**Q1. PHP**

**CODE:**

<?php

$num1=$\_POST["fnum"];

$num2=$\_POST["snum"];

$op=$\_POST["op"];

if($num1=="" or $num2=="")

{

echo "Please enter two numbers...";

}

else

{

echo "First Number is : ".$num1."<br/>";

echo "Second Number is : ".$num2."<br/>";

echo "Operator is : ".$op."<br/>";

if($op=="+")

{

$res=$num1+$num2;

echo "Additon is : ".$res;

}

if($op=="-")

{

$res=$num1-$num2;

echo "Subtraction is : ".$res;

}

if($op=="\*")

{

$res=$num1\*$num2;

echo "Multiplication is : ".$res;

}

if($op=="/")

{

$res=$num1/$num2;

echo "Division is : ".$res;

}

if($op=="%")

{

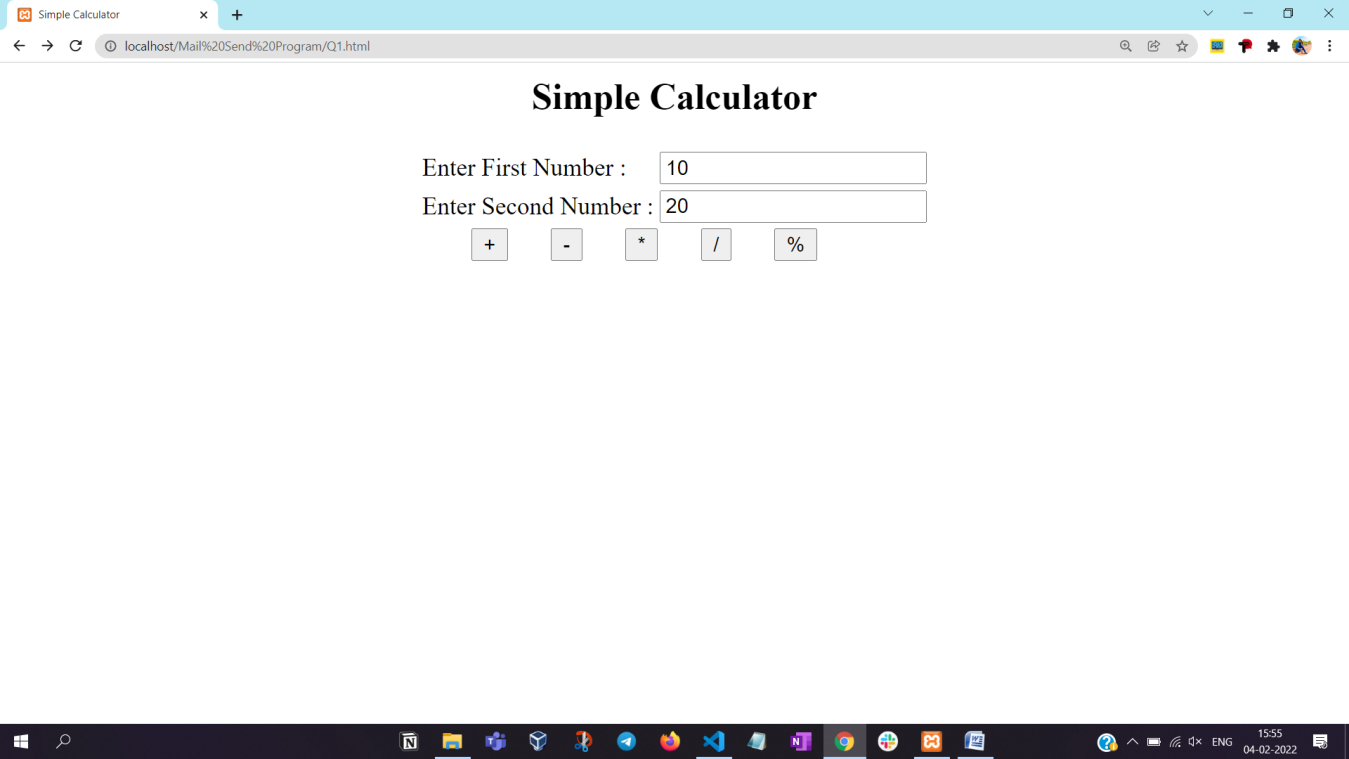
$res=$num1%$num2;

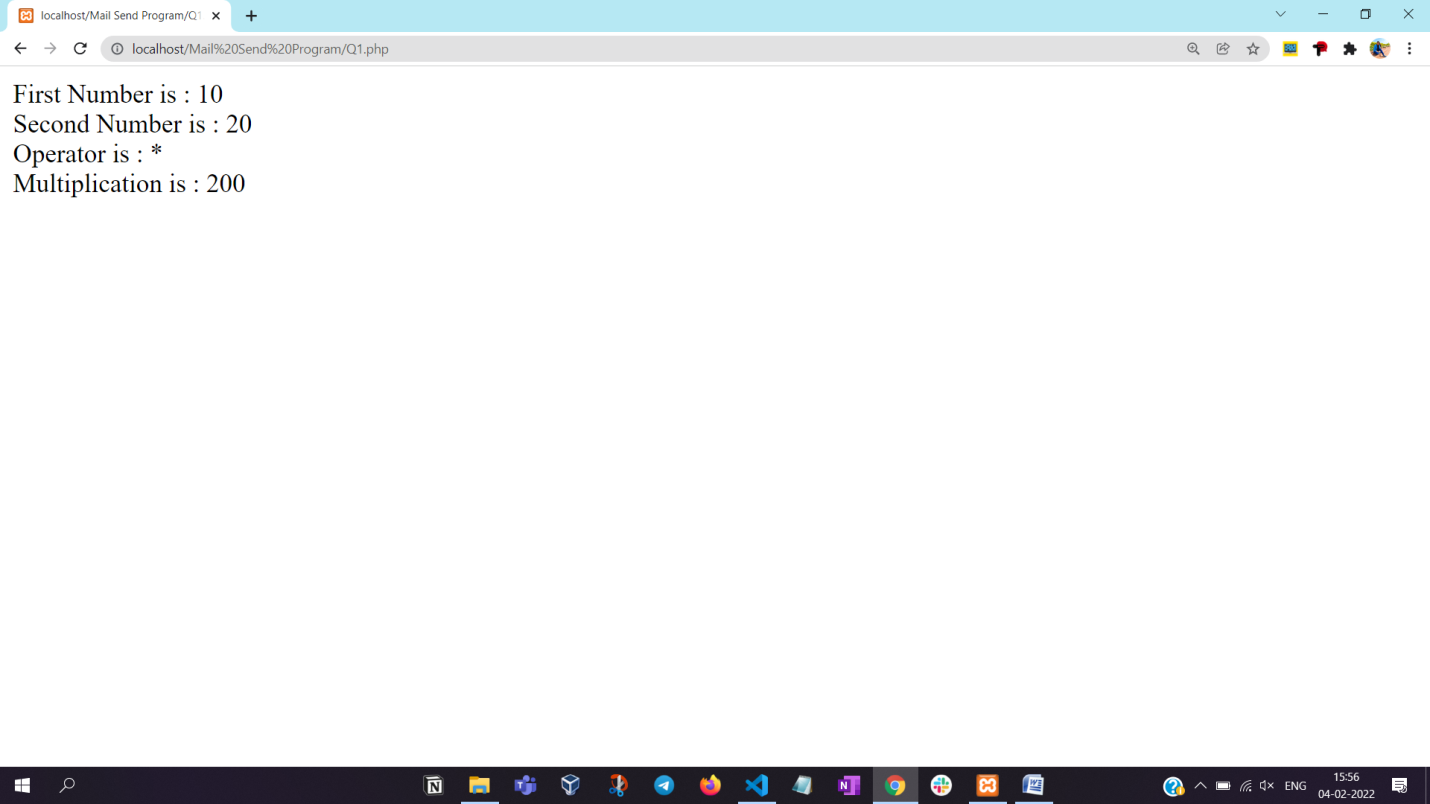
echo "Modulus is : ".$res;

}

}?>

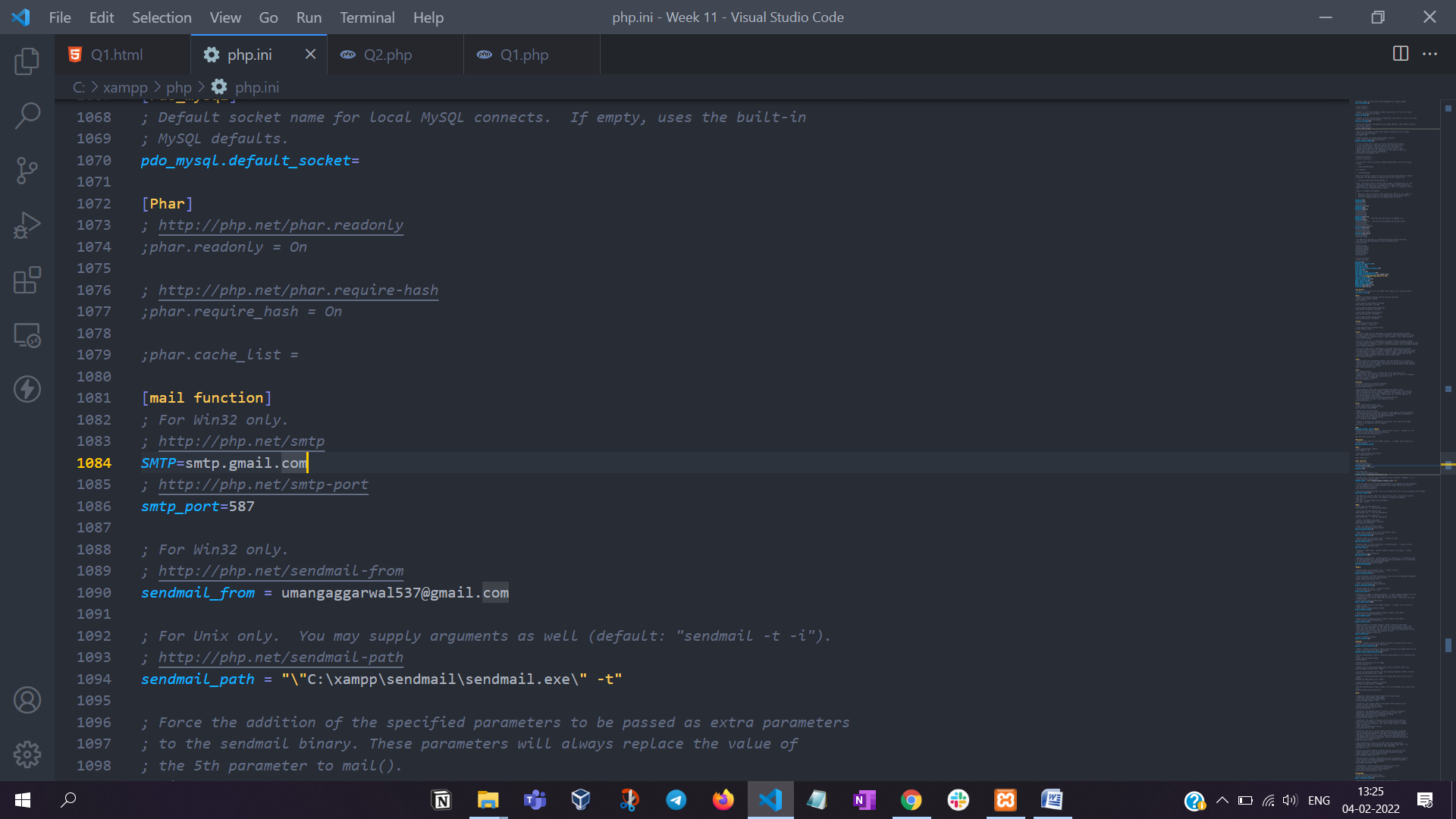
**Output**

****

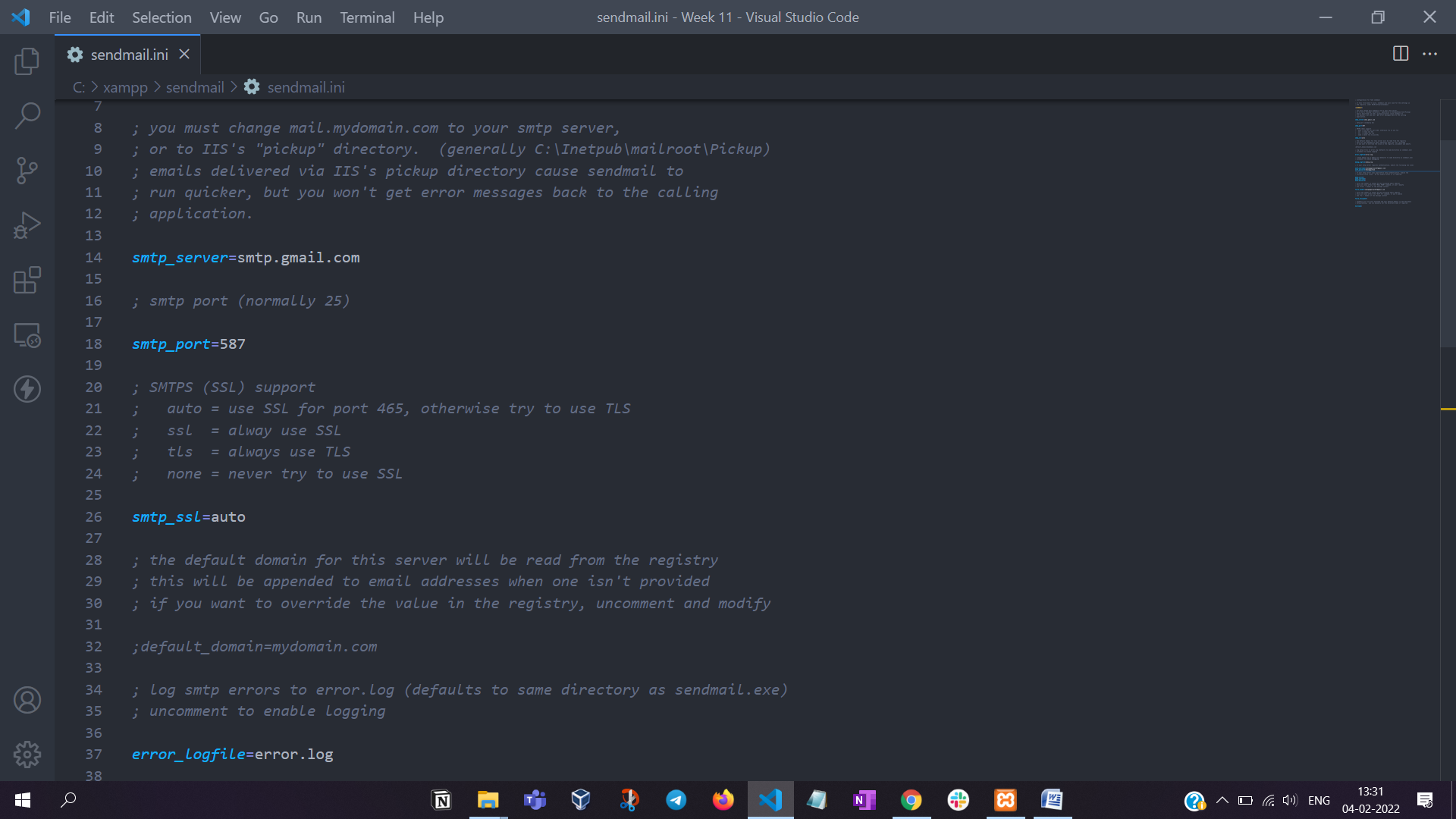
****

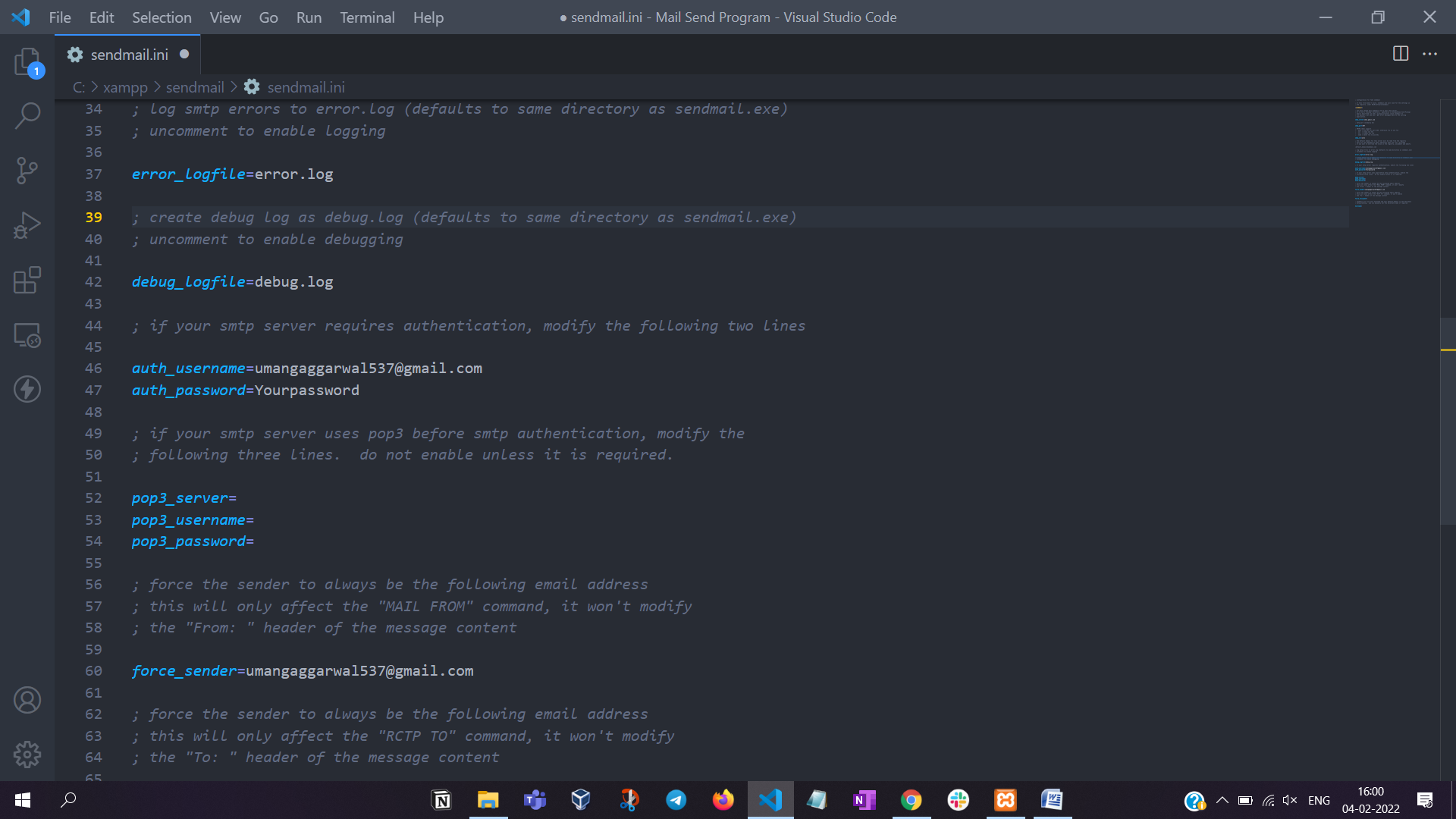
**Q2. Write PHP program how to send mail using PHP.**

1. **Locate php.ini file. (C:\xampp\php\php.ini)**
2. **Make the following 4 changes in php.ini file.**



1. Locate sendmail.ini file. (C:\xampp\sendmail\sendmail.ini)
2. Update smtp\_server, smtp\_port, debug\_logfile, auth\_username, and auth\_password.





**sendmail.php**

<?php

$to\_email = "alpha123@gmail.com";

$subject = "PHP Email Testing";

$body = "This email is sent via PHP.";

$headers = "From: alpha123@gmail.com";

if(mail($to\_email, $subject, $body, $headers))

echo "Email Sent Successfully to $to\_email !!";

else

echo "Some error occurred! Email Sending Failed!";

?>