20/10/2022

**PHP TASK -1**

1.

<?php

$alphabet=range('A','Z');

for($i=0;$i<5;$i++)

{

for($j=0;$j<=$i;$j++)

{

echo $alphabet[$i];

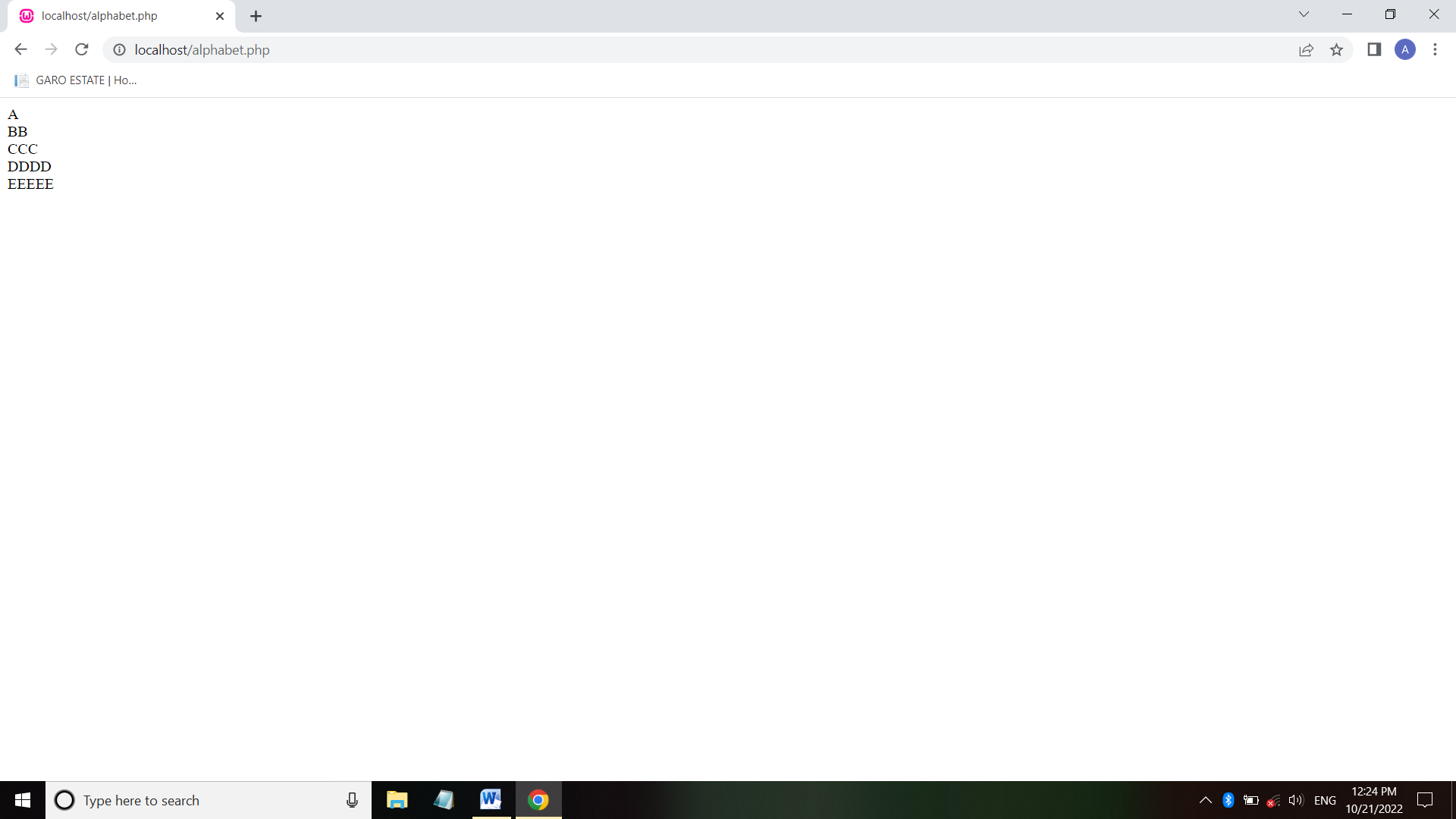
}

echo "<br>";

}

?>

Ouput :





<?php

for($i=0;$i<=5;$i++)

{

for($j=1;$j<=$i;$j++)

{

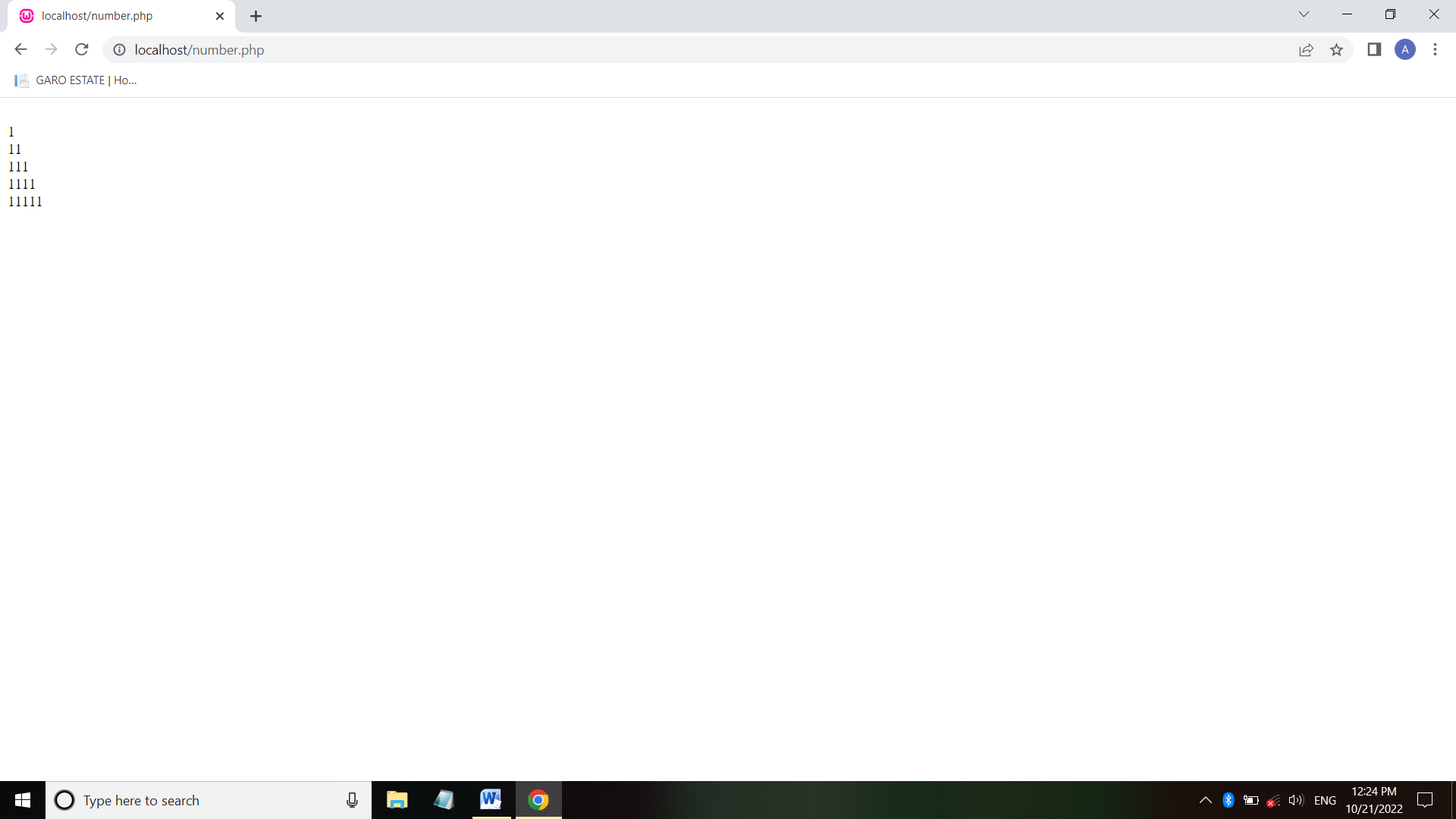
echo"1"; "<br>";

}

echo "<br>";

}

?>





<?php

$num=14597;

$sum=0;$rem=0;

for($i=0;$i<=strlen($num);$i++)

{

$rem=$num%10;

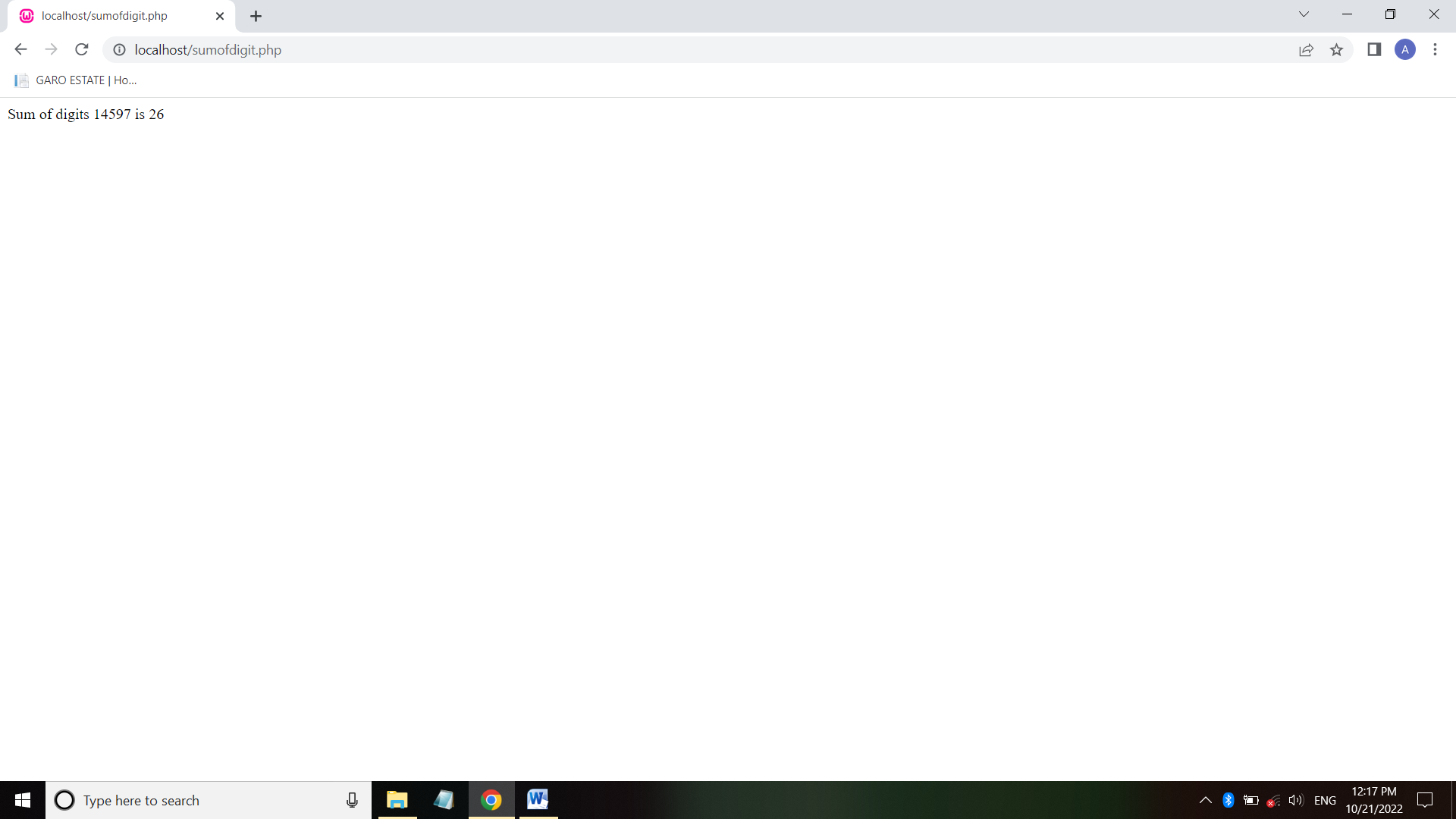
$sum=$sum+$rem;

$num=$num/10;

}

echo "Sum of digits 14597 is $sum";

?>



<?php

$number=1233456;

if($number%2==0)

{

echo "$number is Even number";

}

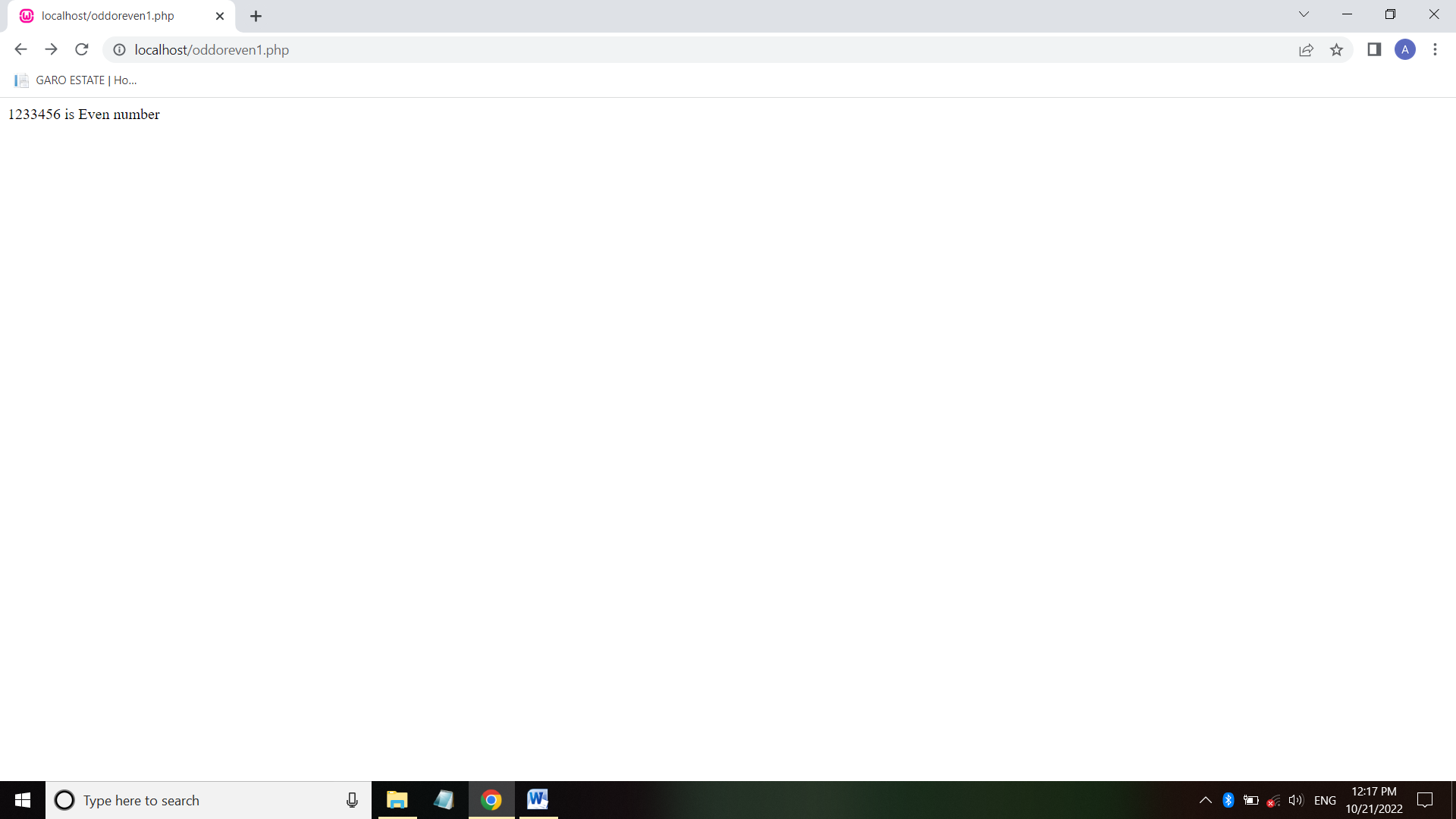
else

{

echo "$number is Odd number";

}

?>



1. Odd or even

<html>

<body>

<form method ="post">

Enter a number : <input type = "number" name ="number">

<input type = "Submit" name ="submit">

</form>

</body>

</html>

<?php

if($\_POST)

{

$number = $\_POST['number'];

if (($number %2)==0)

{

echo "$number is an Even number";

}

else

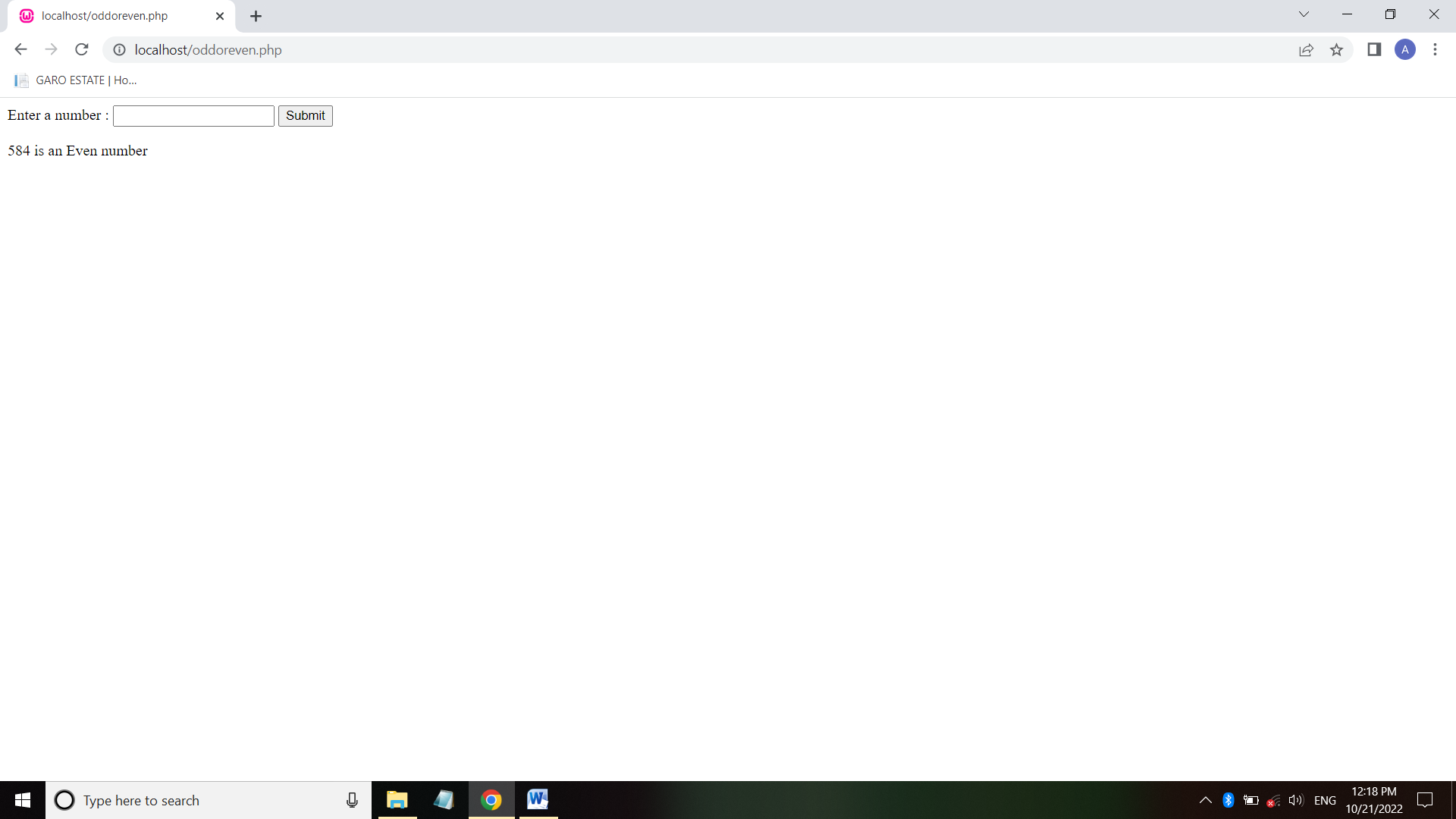
{

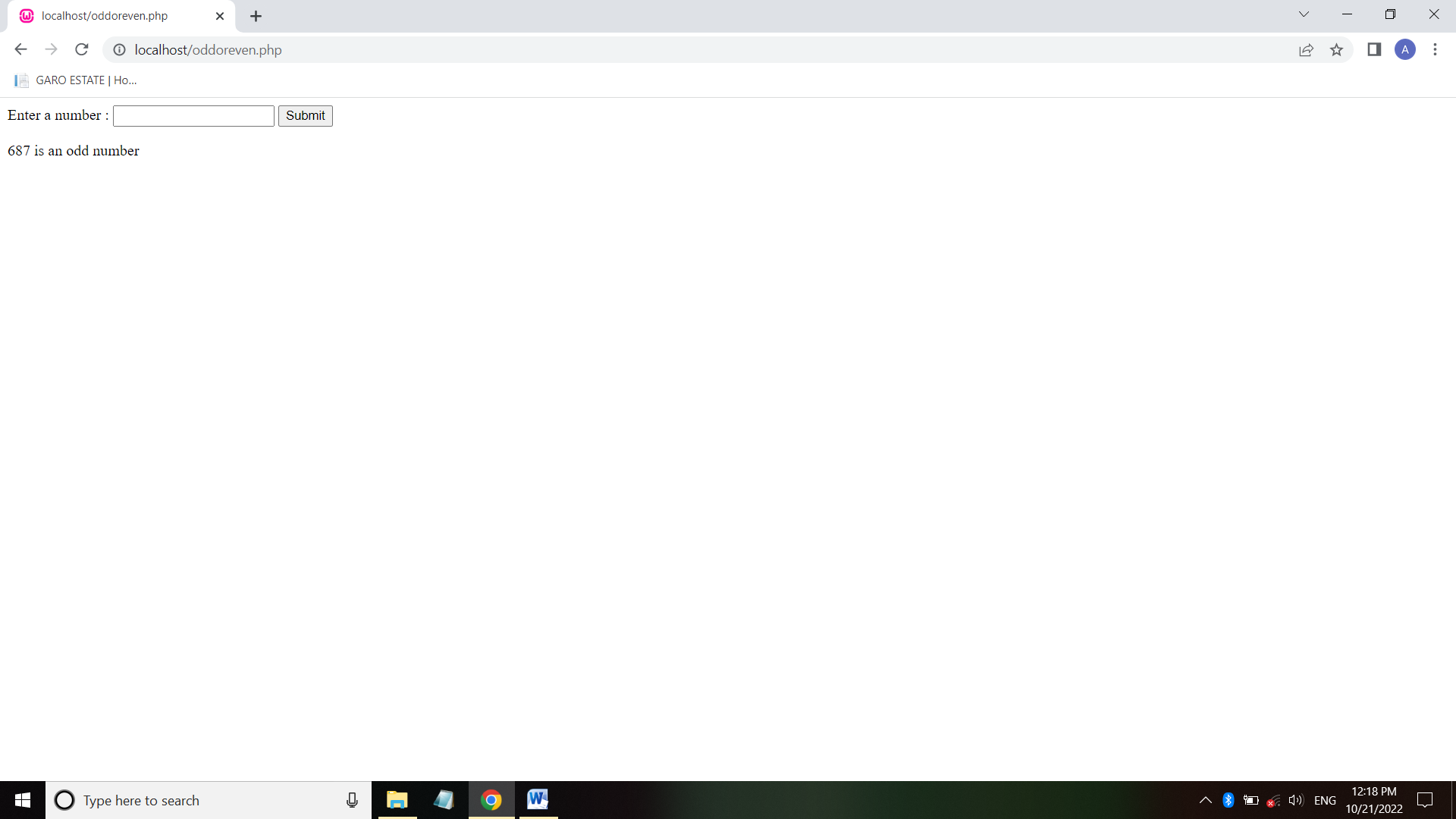
echo "$number is an odd number";

}

}

?>





<?php

function isLeap($year)

{

return (date('L',mktime(0,0,0,1,1,$year))==1);

}

for($year=1991;$year<2016;$year++)

{

if(isleap($year))

{

echo"$year: Leap Year <br/>\n";

}

else

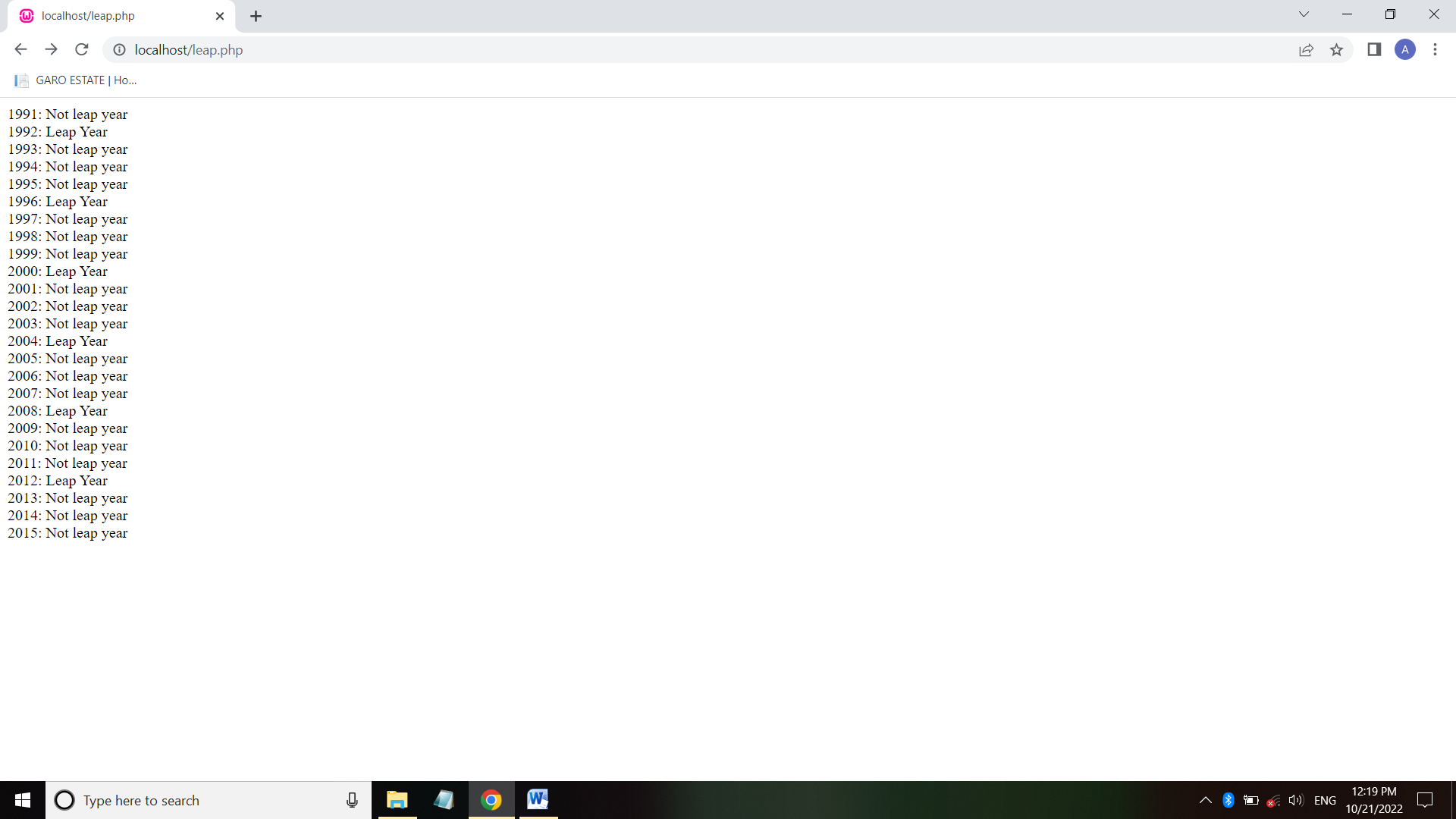
{

echo"$year: Not leap year <br/>\n";

}

}

?>



1. Eb bill

<html>

<head>

<title> Calculate Electricity Bill</title>

</head>

<?php

$result\_str = $result = '';

if (isset($\_POST['unit-submit'])) {

$units = $\_POST['units'];

if (!empty($units)) {

$result = calculate\_bill($units);

$result\_str = 'Total amount of ' . $units . ' - ' . $result;

}

}

function calculate\_bill($units) {

$unit\_cost\_first = 3.50;

$unit\_cost\_second = 4.00;

$unit\_cost\_third = 5.20;

$unit\_cost\_fourth = 6.50;

if($units <= 50) {

$bill = $units \* $unit\_cost\_first;

}

else if($units > 50 && $units <= 100) {

$temp = 50 \* $unit\_cost\_first;

$remaining\_units = $units - 50;

$bill = $temp + ($remaining\_units \* $unit\_cost\_second);

}

else if($units > 100 && $units <= 200) {

$temp = (50 \* 3.5) + (100 \* $unit\_cost\_second);

$remaining\_units = $units - 150;

$bill = $temp + ($remaining\_units \* $unit\_cost\_third);

}

else {

$temp = (50 \* 3.5) + (100 \* $unit\_cost\_second) + (100 \* $unit\_cost\_third);

$remaining\_units = $units - 250;

$bill = $temp + ($remaining\_units \* $unit\_cost\_fourth);

}

return number\_format((float)$bill, 2, '.', '');

}

?>

<body>

<h1> Calculate Electricity Bill</h1>

<form action="" method="post" id="quiz-form">

<input type="number" name="units" id="units" placeholder="Please enter no. of Units" />

<input type="submit" name="unit-submit" id="unit-submit" value="Submit" />

</form>

<div>

<?php echo '<br />' . $result\_str; ?>

</div>

</div>

</body>

</html>

