ACTIVITY-DAY 2

<html>

<head>

<script type="text/javascript">

<!--

// this is single command line java scrip comment;

document.write("Hello World!");

//document.write("where you cant see this");

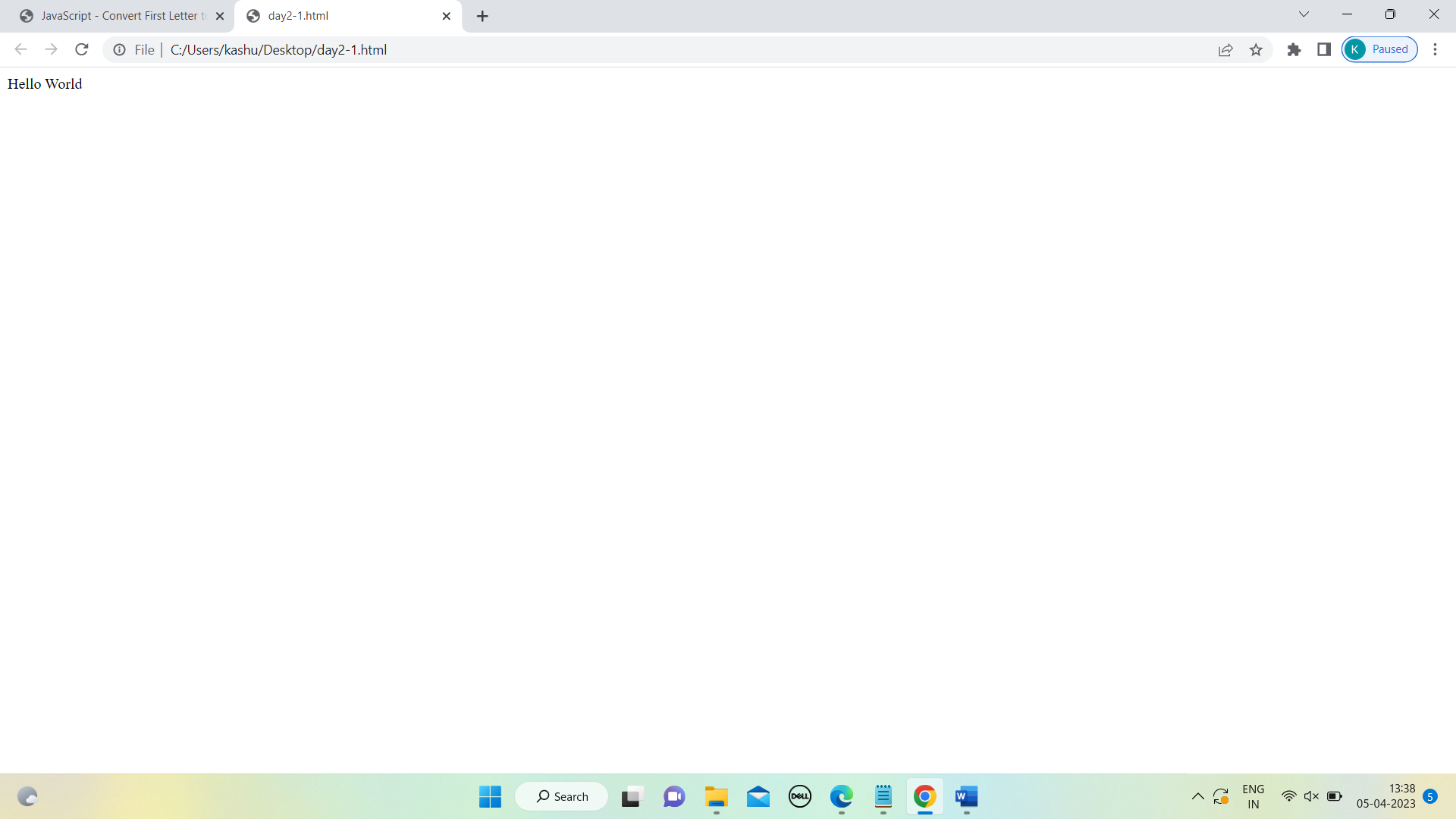
//-->

</script>

</head>

</html>

Output:



2.

<html>

<head>

<title>JavaScript - Convert First Letter to Uppercase</title>

</head>

<body>

<h1 id="myHeading">rose</h1>

<button onclick="convertFirstLetter()">Convert</button>

<script>

function convertFirstLetter() {

var heading = document.getElementById("myHeading");

var text = heading.textContent;

var newText = text.charAt(0).toUpperCase() + text.slice(1);

heading.textContent = newText;

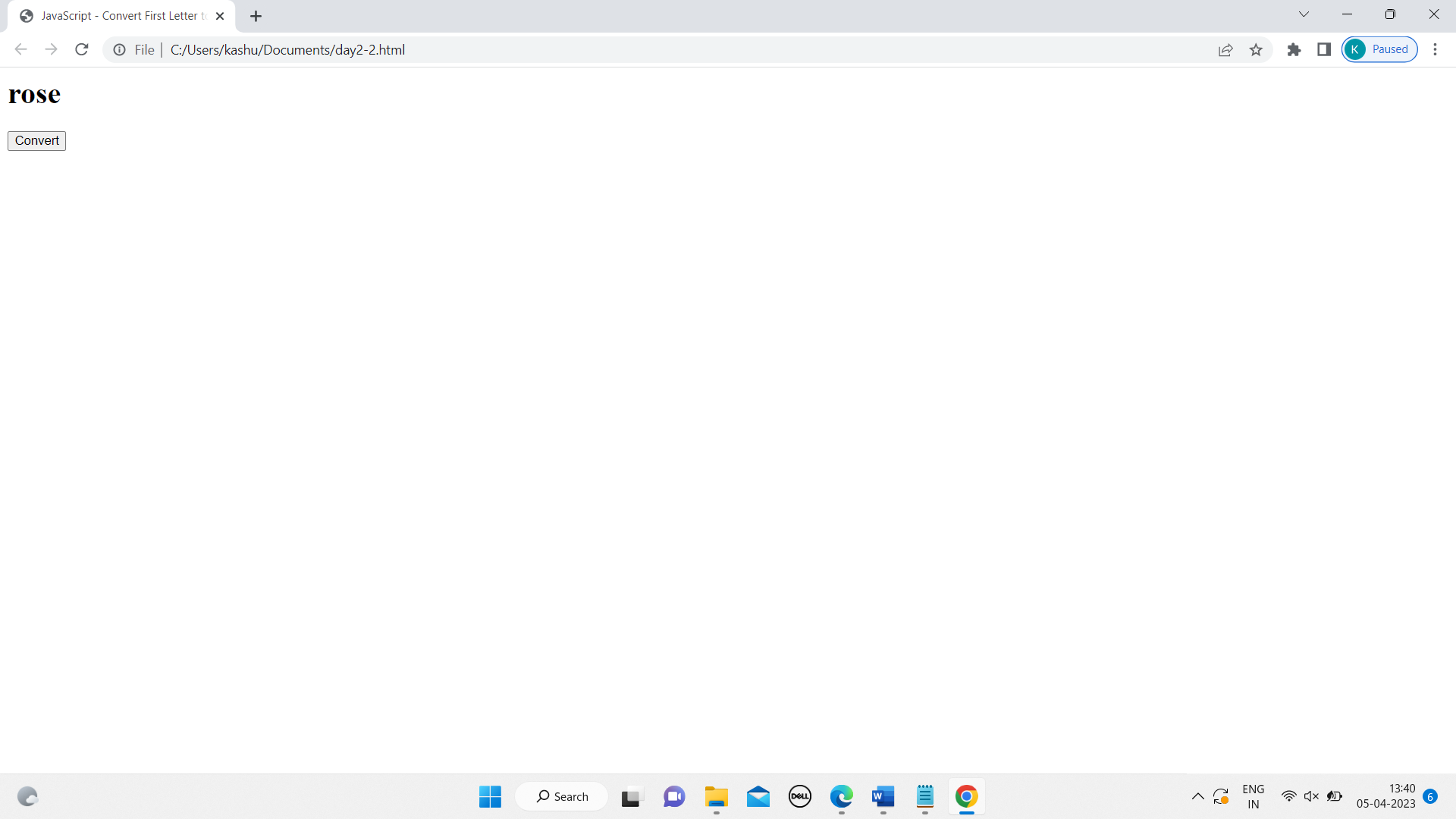
}

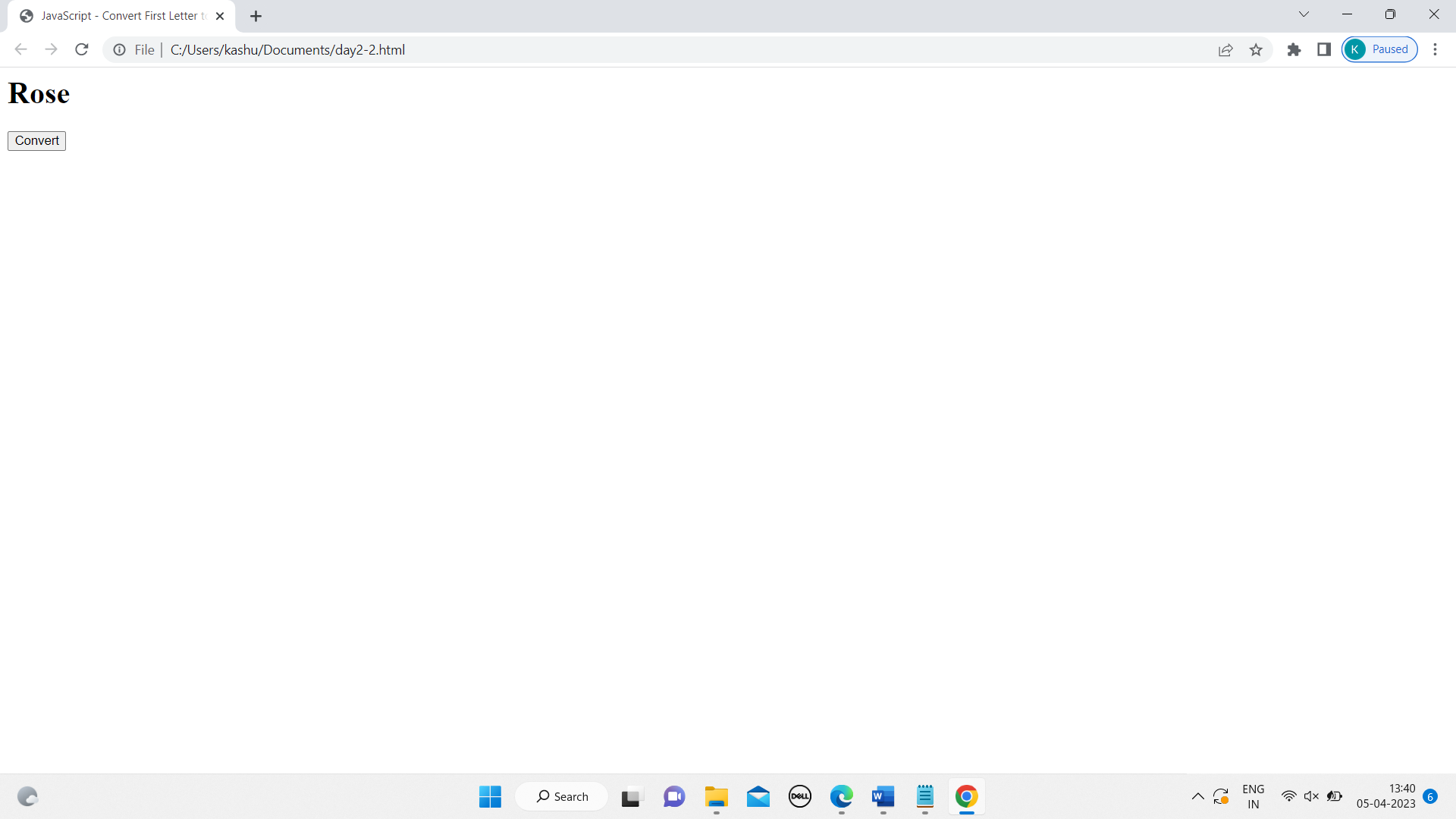
</script>

</body>

</html>

OUTPUT:





3.

<html>

<body>

ENTER NO:<input id="NUM" value="10" />

<button onclick="myFunction()">submit</button>

<p id="out"></p>

<script>

function myFunction() {

let NUM = document.getElementById("NUM").value;

let POSSIBLE = (NUM < 10) ? "NUMBER IS LESS THAN 10":"NUMBER IS GREATER THAN";

document.getElementById("out").innerHTML = POSSIBLE ;

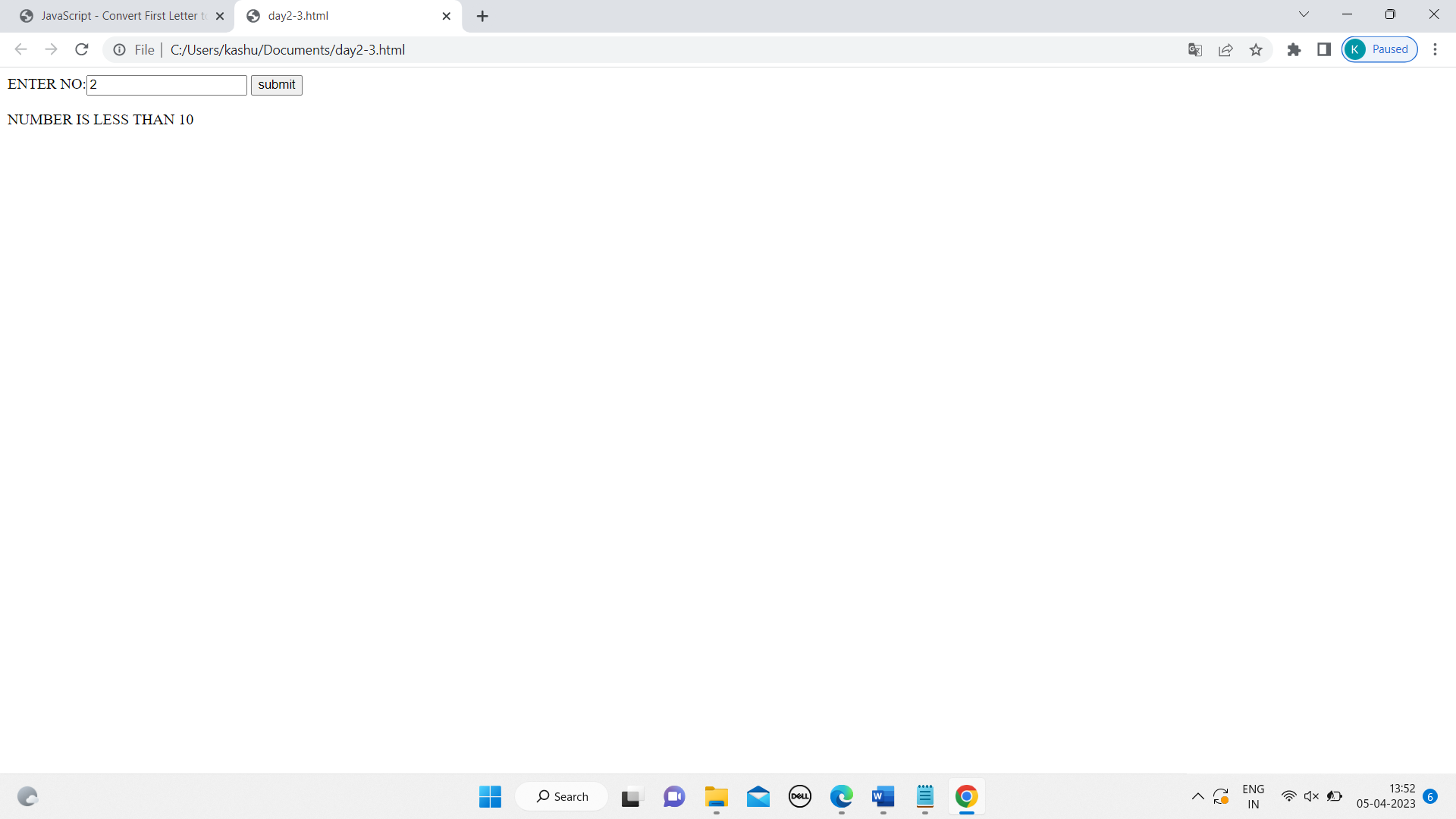
}

</script>

</body>

</html>

OUTPUT:



4.

<!DOCTYPE html>

<html>

<head>

<title>Current Date and Time</title>

<script>

function displayDateTime() {

var currentDate = new Date();

var datetime = "Current date and time: " + currentDate.toLocaleString();

document.getElementById("datetime").innerHTML = datetime;

}

</script>

</head>

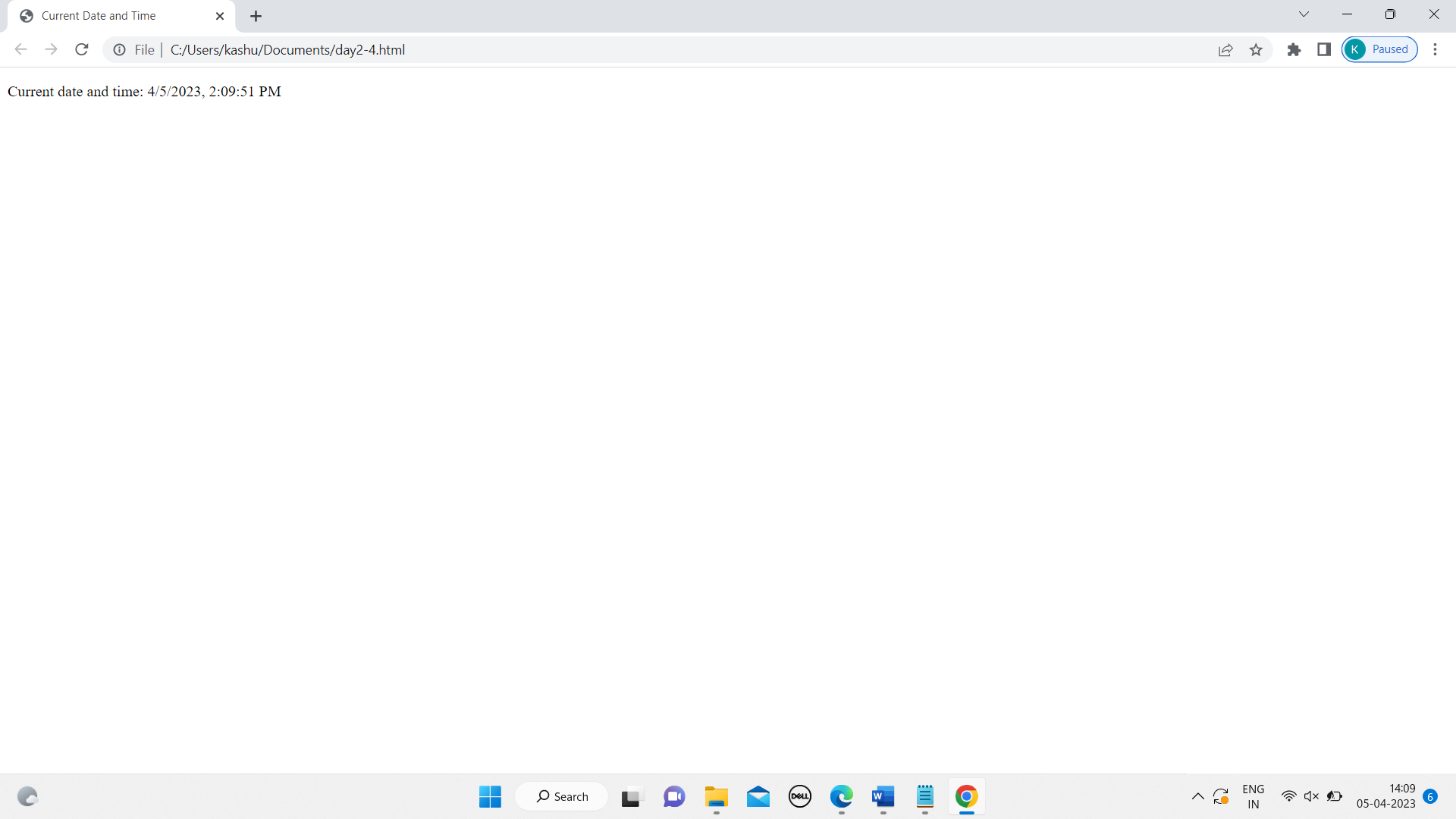
<body onload="displayDateTime();">

<p id="datetime"></p>

</body>

</html>

OUTPUT:



5.

<!DOCTYPE html>

<html>

<head>

<title>Email Validation</title>

<script>

function validateEmail() {

var email = document.getElementById("email").value;

var emailPattern = /^[a-zA-Z0-9.\_-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/;

if (emailPattern.test(email)) {

alert("Valid email address!");

} else {

alert("Invalid email address!");

}

}

</script>

</head>

<body>

<h2>Email Validation</h2>

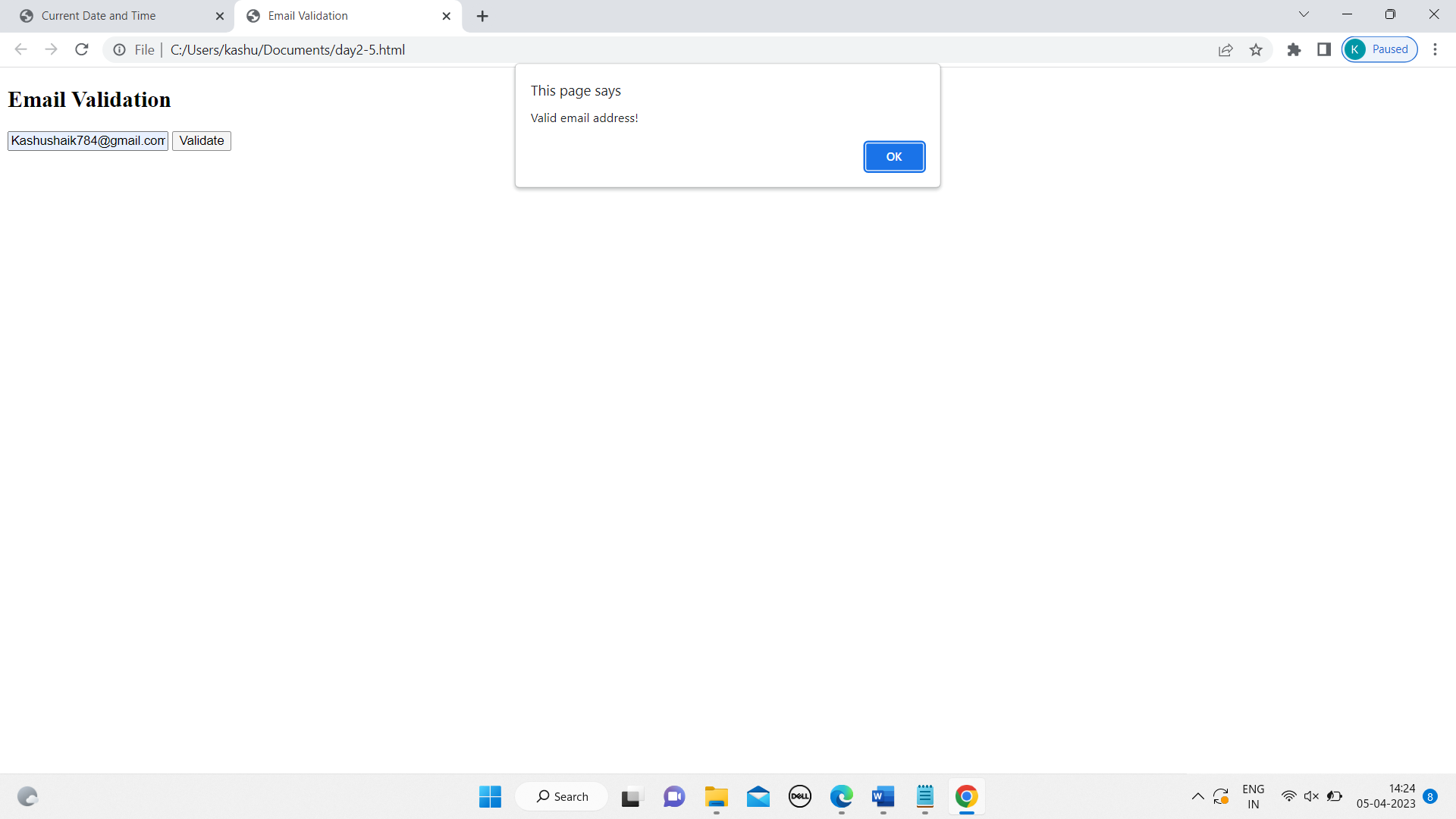
<input type="text" id="email" placeholder="Enter email address">

<button onclick="validateEmail()">Validate</button>

</body>

</html>

OUTPUT:



6.

<!DOCTYPE html>

<html lang = "en">

<head>

<title> JavaScript Calculator </title>

<style>

h1 {

text-align: center;

padding: 23px;

background-color:skyblue;

color: white;

}

#clear{

width: 270px;

border: 3px solid yellow;

border-radius: 3px;

padding: 20px;

background-color: red;

}

.formstyle

{

width: 300px;

height: 530px;

margin: auto;

border: 3px solid pink;

border-radius: 5px;

padding: 20px;

}

input

{

width: 20px;

background-color: skyblue;

color: white;

border: 3px solid yellow;

border-radius: 5px;

padding: 26px;

margin: 5px;

font-size: 15px;

}

#calc{

width: 220px;

border: 5px solid black;

border-radius: 3px;

padding: 20px;

margin: auto;

}

</style>

</head>

<body>

<h1> Calculator Program in JavaScript </h1>

<div class= "formstyle">

<form name = "form1">

<!-- This input box shows the button pressed by the user in calculator. -->

<input id = "calc" type ="text" name = "answer"> <br> <br>

<!-- Display the calculator button on the screen. -->

<!-- onclick() function display the number prsses by the user. -->

<input type = "button" value = "1" onclick = "form1.answer.value += '1' ">

<input type = "button" value = "2" onclick = "form1.answer.value += '2' ">

<input type = "button" value = "3" onclick = "form1.answer.value += '3' ">

<input type = "button" value = "+" onclick = "form1.answer.value += '+' ">

<br> <br>

<input type = "button" value = "4" onclick = "form1.answer.value += '4' ">

<input type = "button" value = "5" onclick = "form1.answer.value += '5' ">

<input type = "button" value = "6" onclick = "form1.answer.value += '6' ">

<input type = "button" value = "-" onclick = "form1.answer.value += '-' ">

<br> <br>

<input type = "button" value = "7" onclick = "form1.answer.value += '7' ">

<input type = "button" value = "8" onclick = "form1.answer.value += '8' ">

<input type = "button" value = "9" onclick = "form1.answer.value += '9' ">

<input type = "button" value = "\*" onclick = "form1.answer.value += '\*' ">

<br> <br>

<input type = "button" value = "/" onclick = "form1.answer.value += '/' ">

<input type = "button" value = "0" onclick = "form1.answer.value += '0' ">

<input type = "button" value = "." onclick = "form1.answer.value += '.' ">

<!-- When we click on the '=' button, the onclick() shows the sum results on the calculator screen. -->

<input type = "button" value = "=" onclick = "form1.answer.value = eval(form1.answer.value) ">

<br>

<!-- Display the Cancel button and erase all data entered by the user. -->

<input type = "button" value = "Clear All" onclick = "form1.answer.value = ' ' " id= "clear" >

<br>

</form>

</div>

</body>

</html>

OUTPUT:

