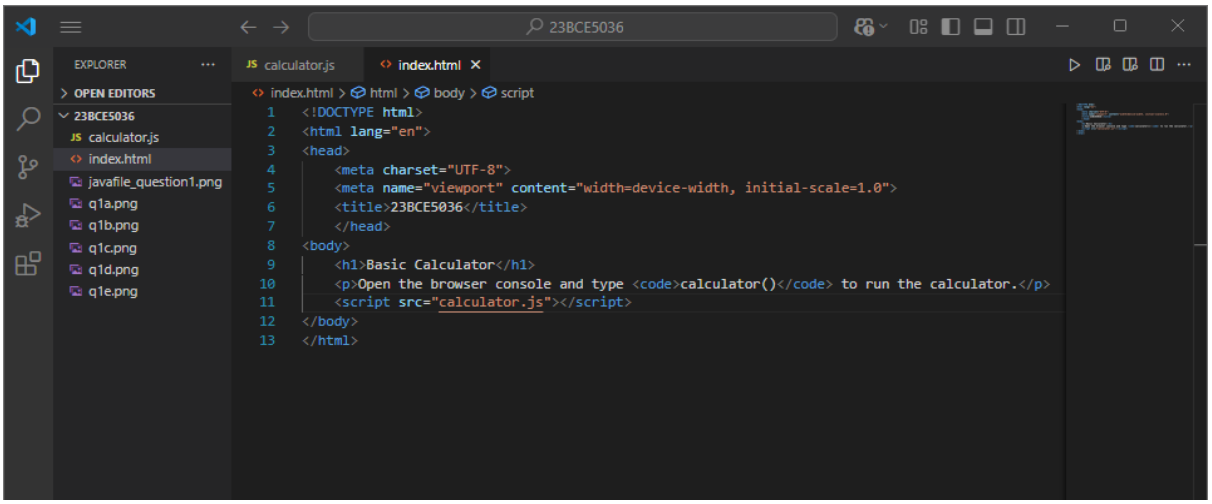
Vellore Institute of Technology
(Deemed to be University under section 3 of the UGC Act, 1956)

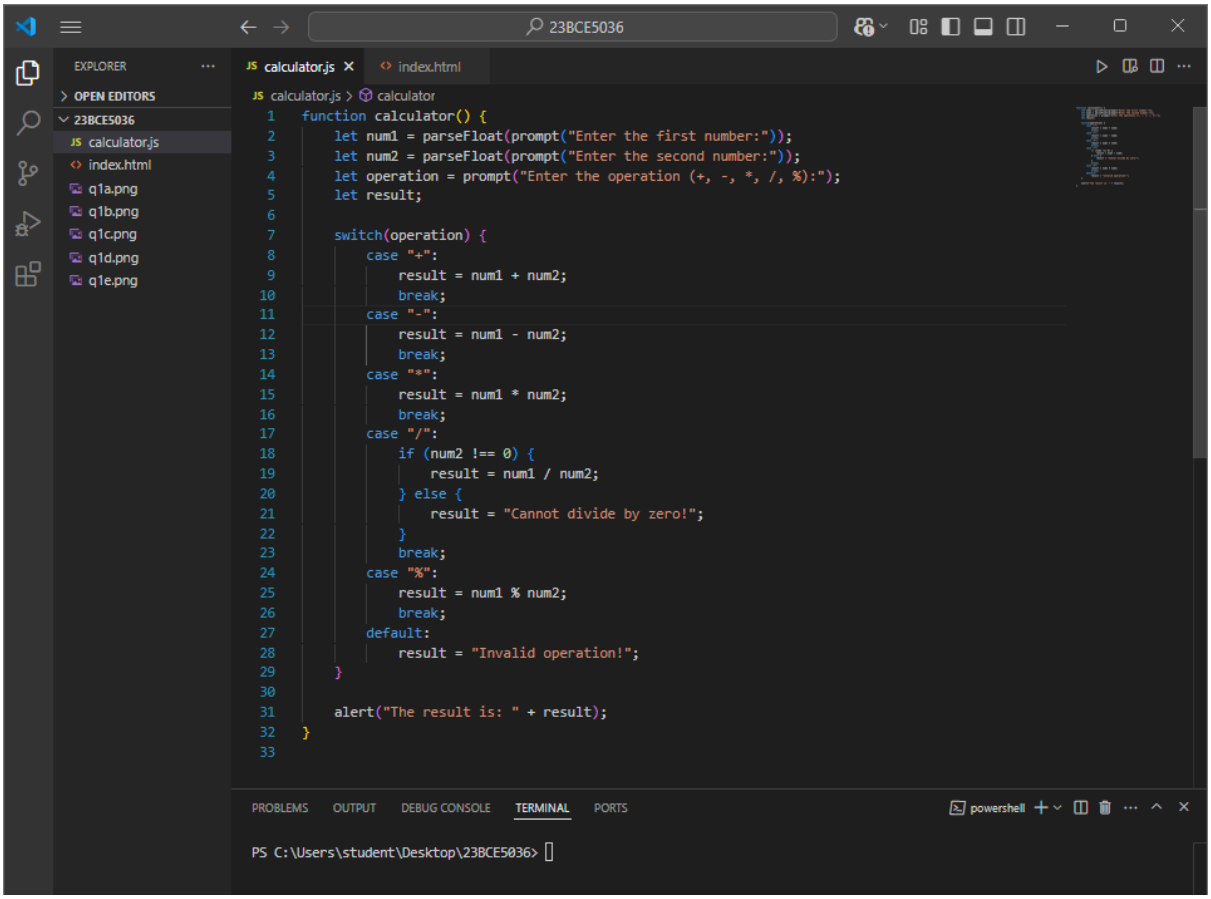
Programme	:	**B.Tech.**	Semester	:	**Winter24-25**
Course	:	**BCSE203E: Web Programming Lab**	Slot	:	**TE1/TE2**
Faculty	:	**Dr. LM Jenila Livingston**	Marks	:	**10**

Name: Sara Arora Regsiter no. 23BCE5036

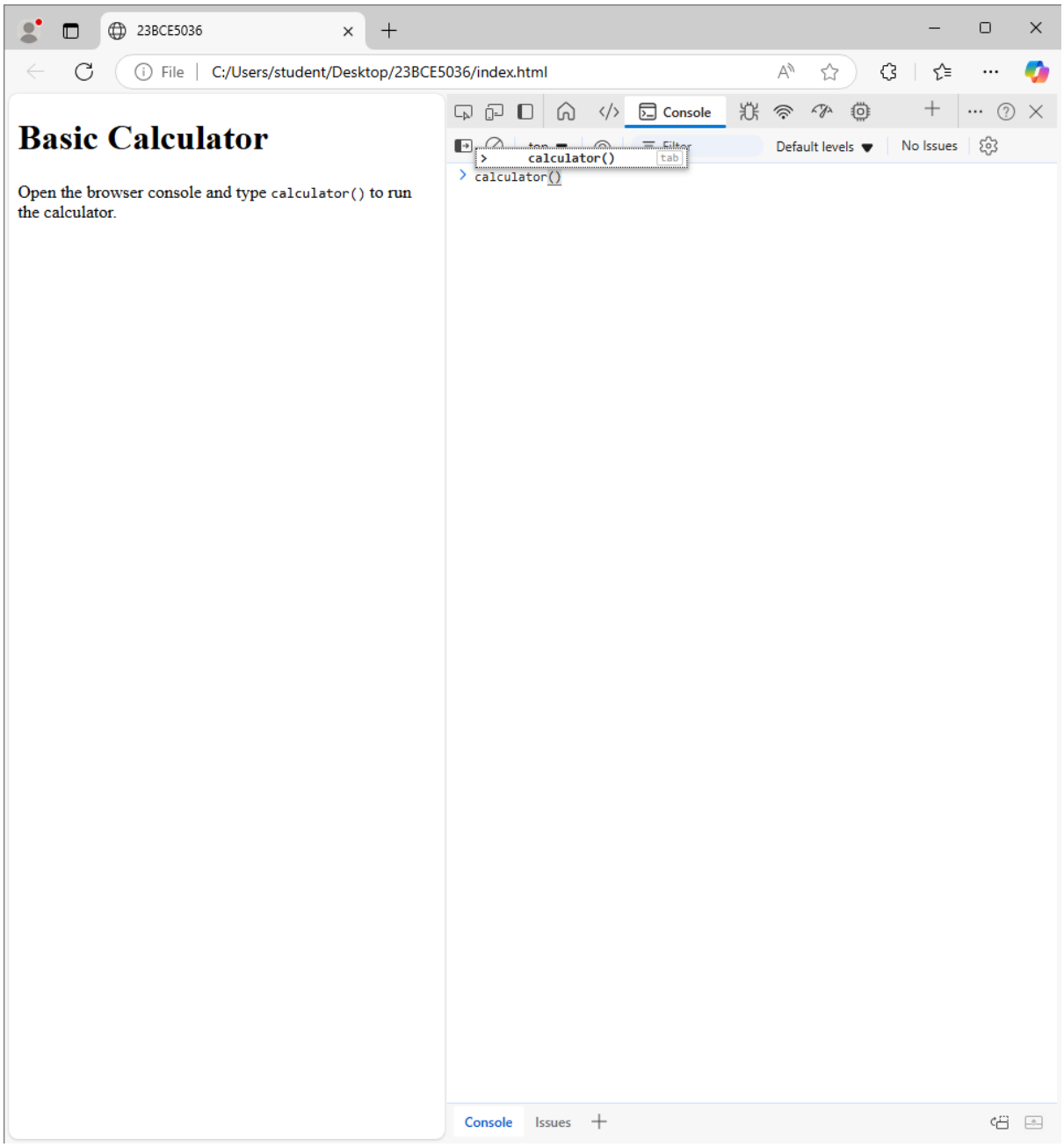
Exercise-8

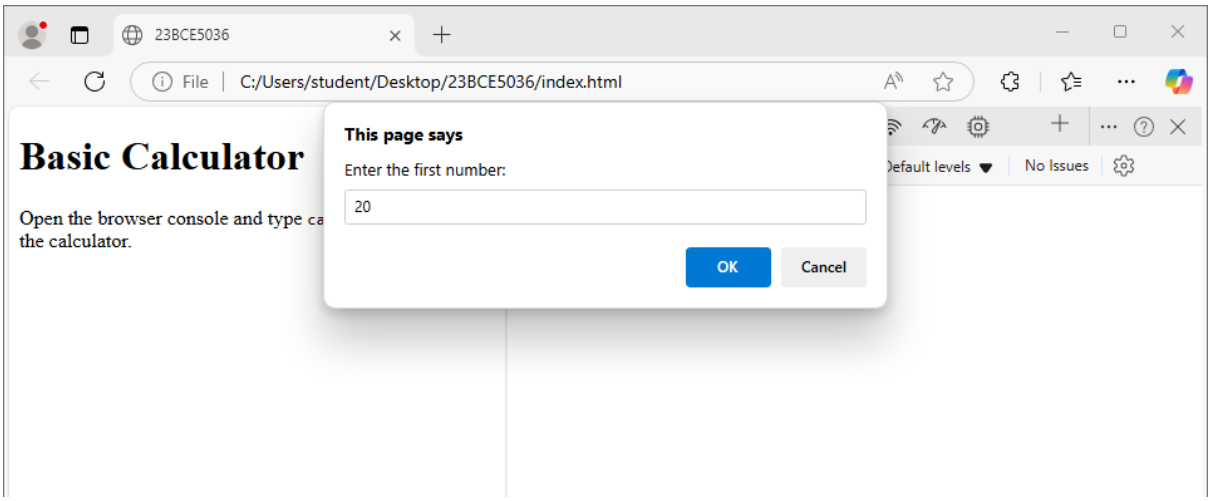
Ques 1:

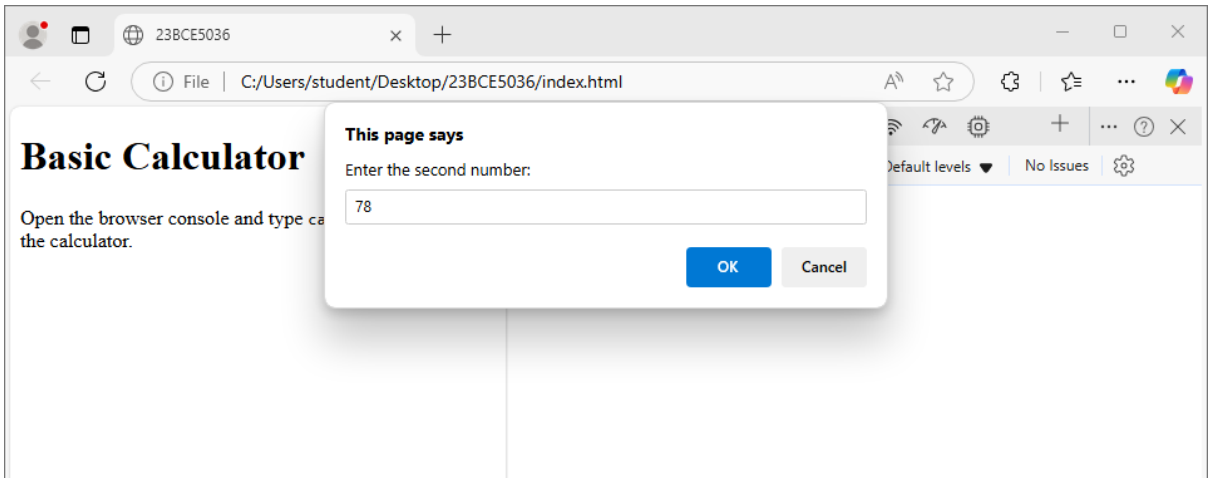


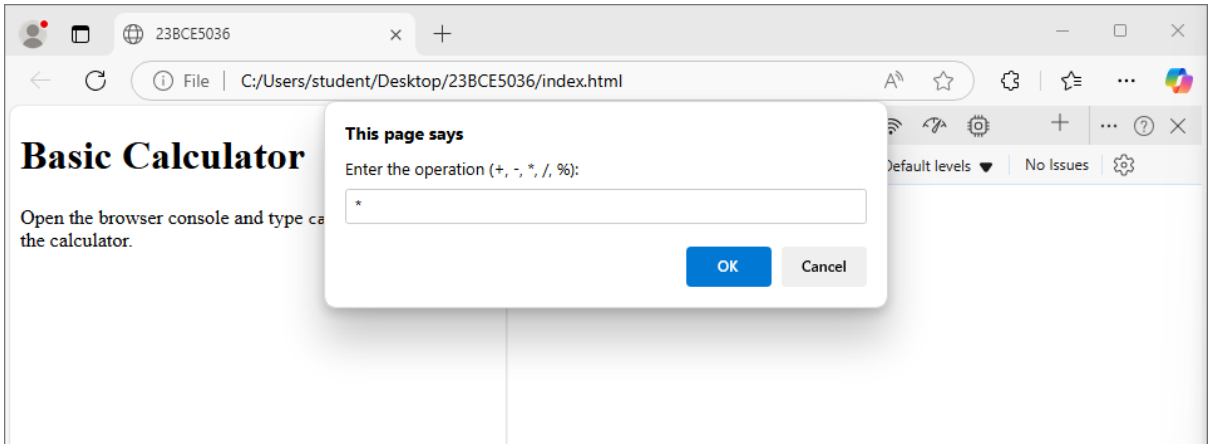


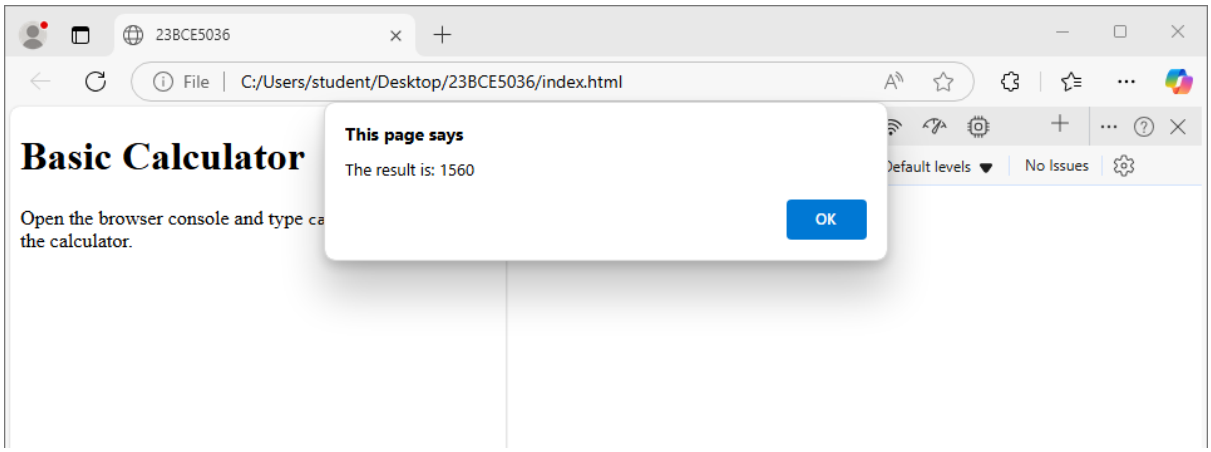
Code:


23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Basic Calculator
Open the browser console and type calculator() to run the calculator.
Console
Default levels
No Issues
calculator()
tab
calculator()
Console
Issues

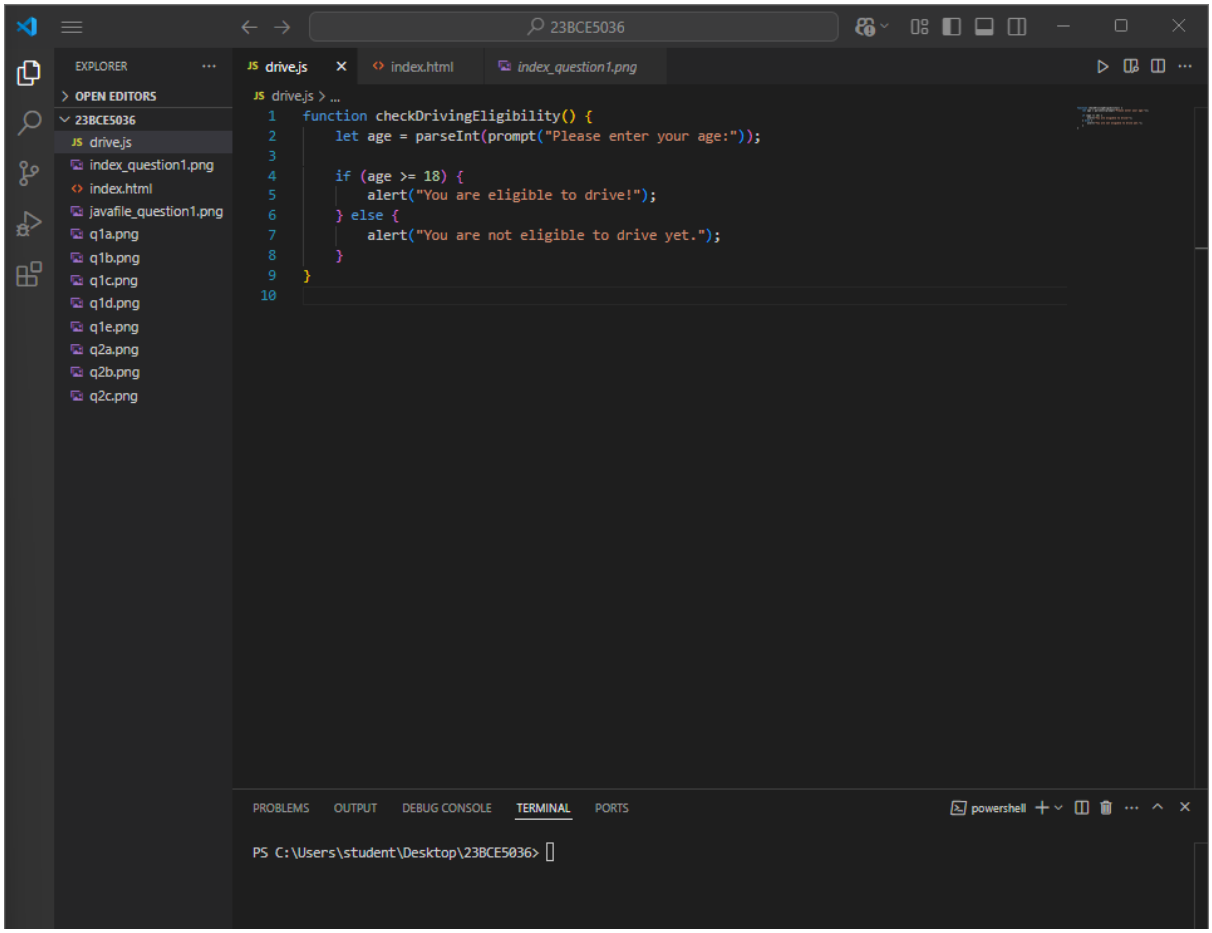

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Basic Calculator
Open the browser console and type ca
the calculator.
This page says
Enter the first number:
20
OK
Cancel
Default levels
No Issues

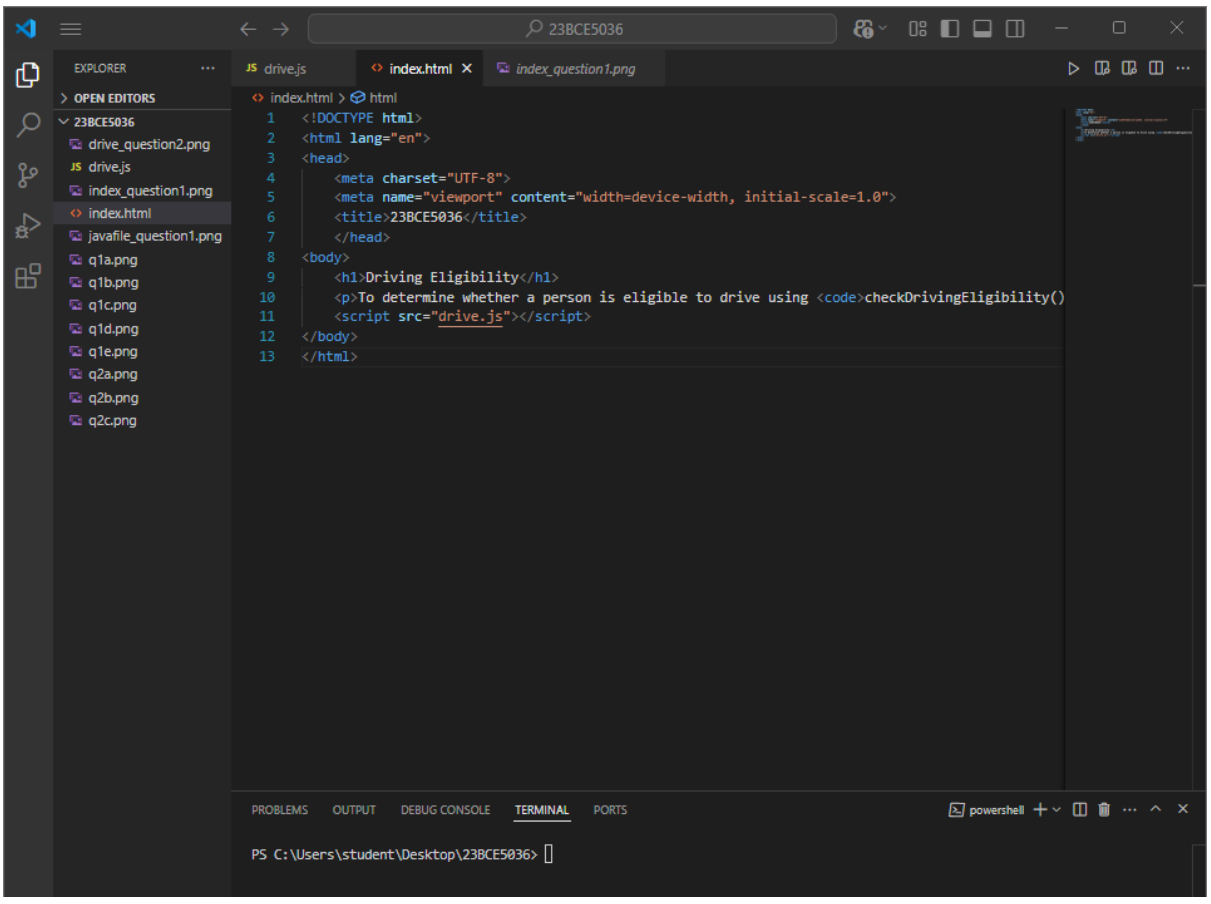

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Basic Calculator
Open the browser console and type ca
the calculator.
This page says
Enter the second number:
78
OK
Cancel
Default levels
No Issues


23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Basic Calculator
Open the browser console and type ca
the calculator.
This page says
Enter the operation (+, -, *, /, %):
*
OK
Cancel
Default levels
No Issues

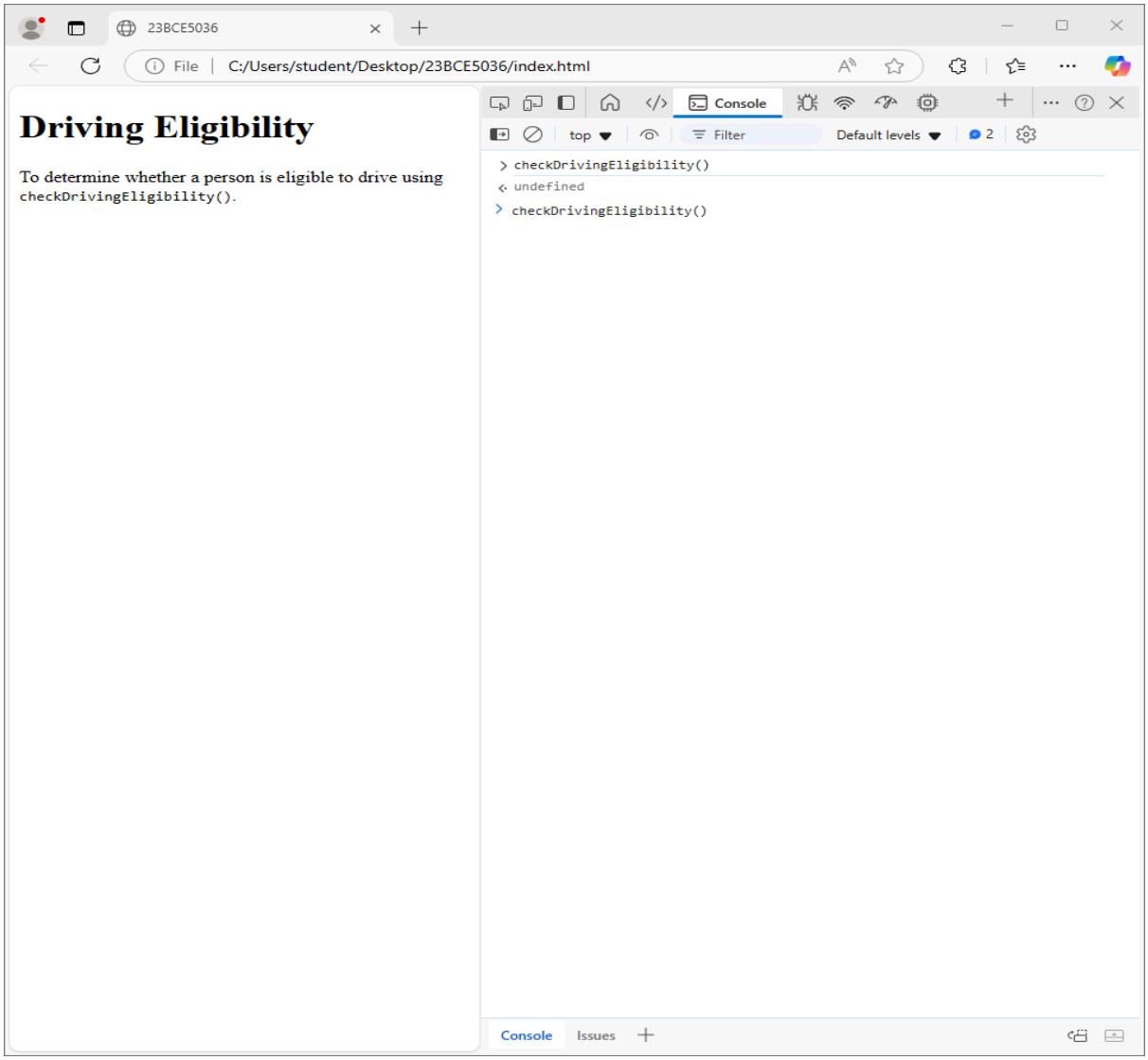

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Basic Calculator
Open the browser console and type ca
the calculator.
This page says
The result is: 1560
OK
Default levels
No Issues

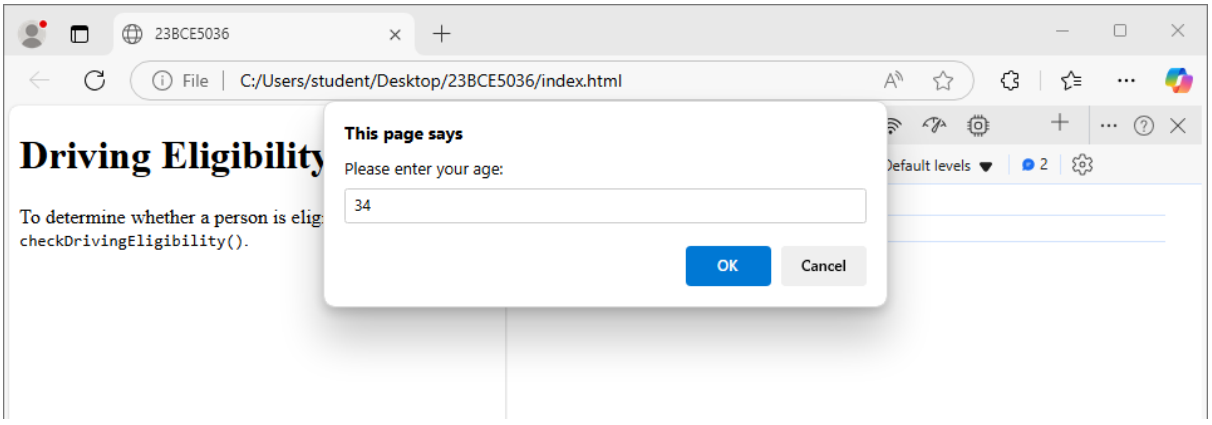
Question-2

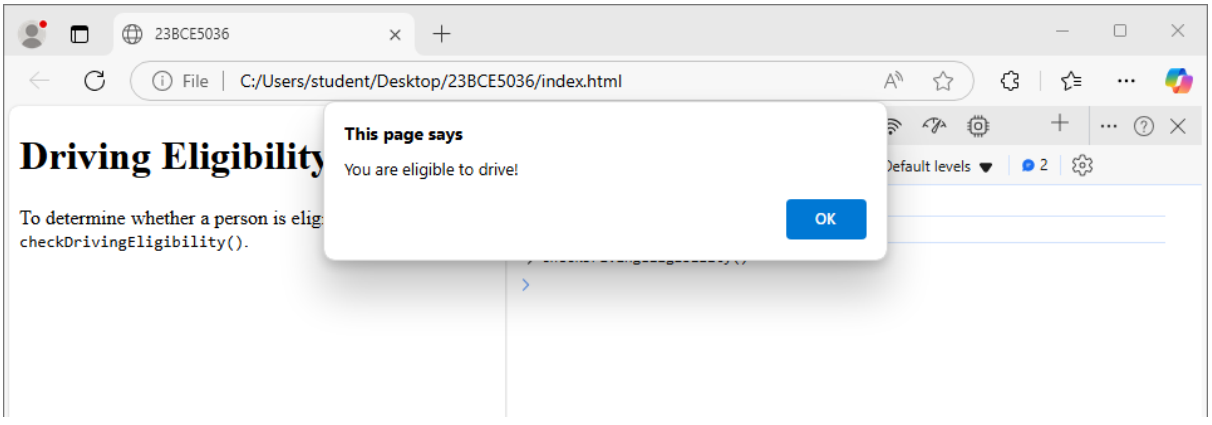

23BCE5036
EXPLORER
OPEN EDITORS
23BCE5036
drive.js
index_question1.png
index.html
javafile_question1.png
q1a.png
q1b.png
q1c.png
q1d.png
q1e.png
q2a.png
q2b.png
q2c.png
drive.js
index.html
index_question1.png
drive.js > ...
function checkDrivingEligibility() {
let age = parseInt(prompt("Please enter your age:"));
if (age >= 18) {
alert("You are eligible to drive!");
} else {
alert("You are not eligible to drive yet.");
}
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
PS C:\Users\student\Desktop\23BCE5036>


23BCE5036
EXPLORER
OPEN EDITORS
23BCE5036
drive_question2.png
drive.js
index_question1.png
index.html
javafile_question1.png
q1a.png
q1b.png
q1c.png
q1d.png
q1e.png
q2a.png
q2b.png
q2c.png
drive.js
index.html
index_question1.png
index.html > html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>23BCE5036</title>
</head>
<body>
<h1>Driving Eligibility</h1>
<p>To determine whether a person is eligible to drive using <code>checkDrivingEligibility()
<script src="drive.js"></script>
</body>
</html>
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
PS C:\Users\student\Desktop\23BCE5036>

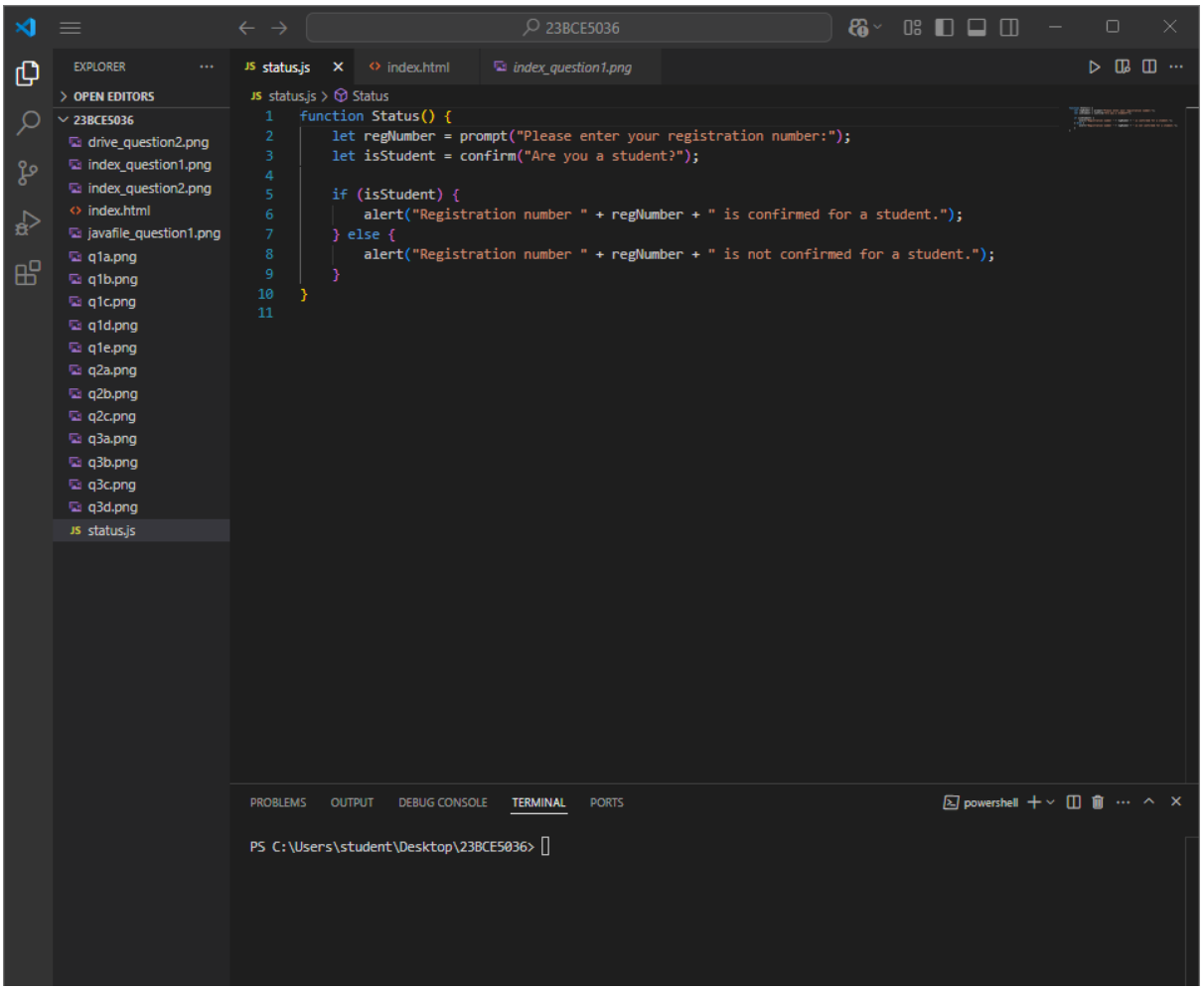
Code:

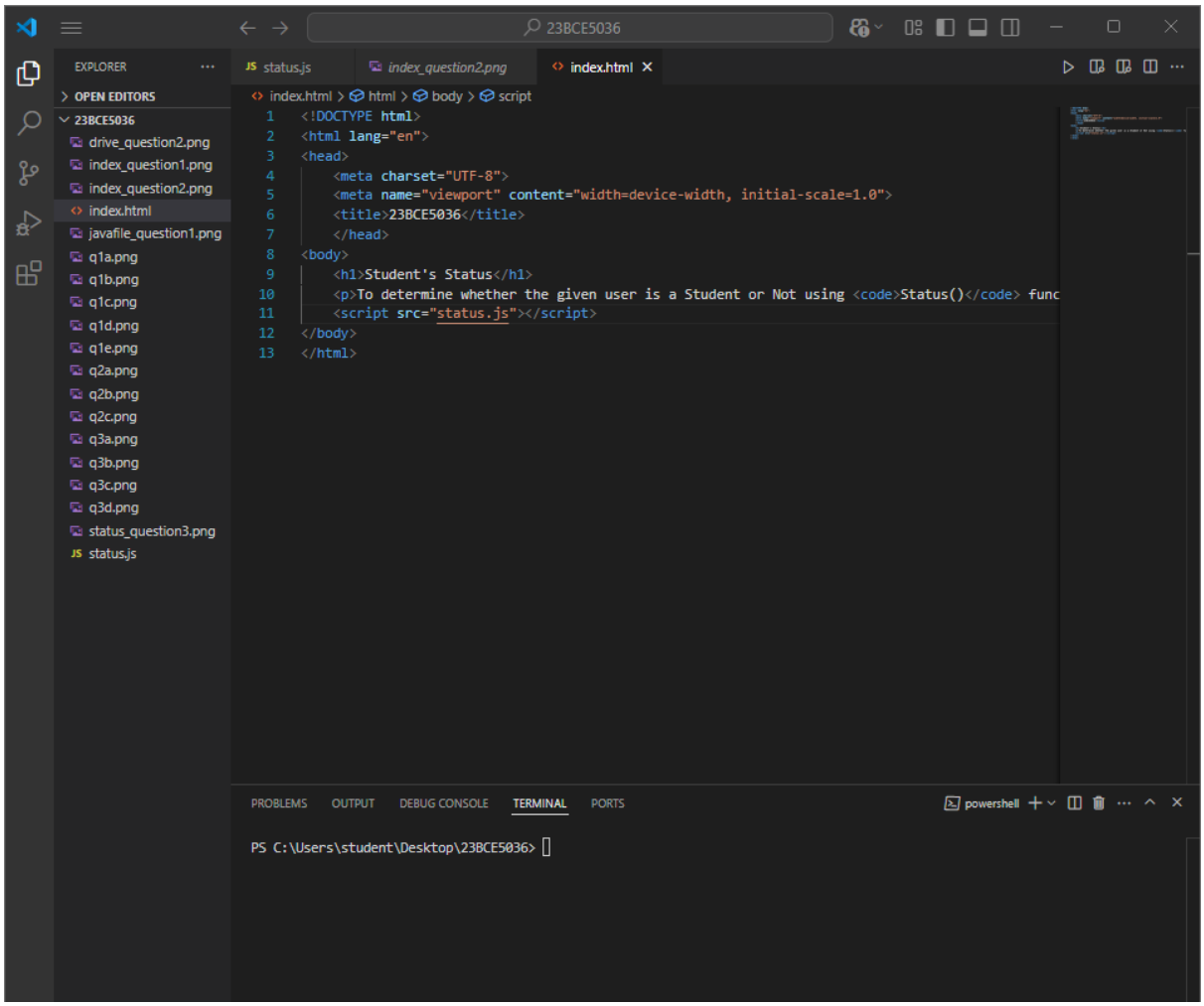

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Driving Eligibility
To determine whether a person is eligible to drive using checkDrivingEligibility().
Console
top
Filter
Default levels
2
checkDrivingEligibility()
undefined
checkDrivingEligibility()
Console
Issues


23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Driving Eligibility
To determine whether a person is elig
checkDrivingEligibility().
This page says
Please enter your age:
34
OK
Cancel

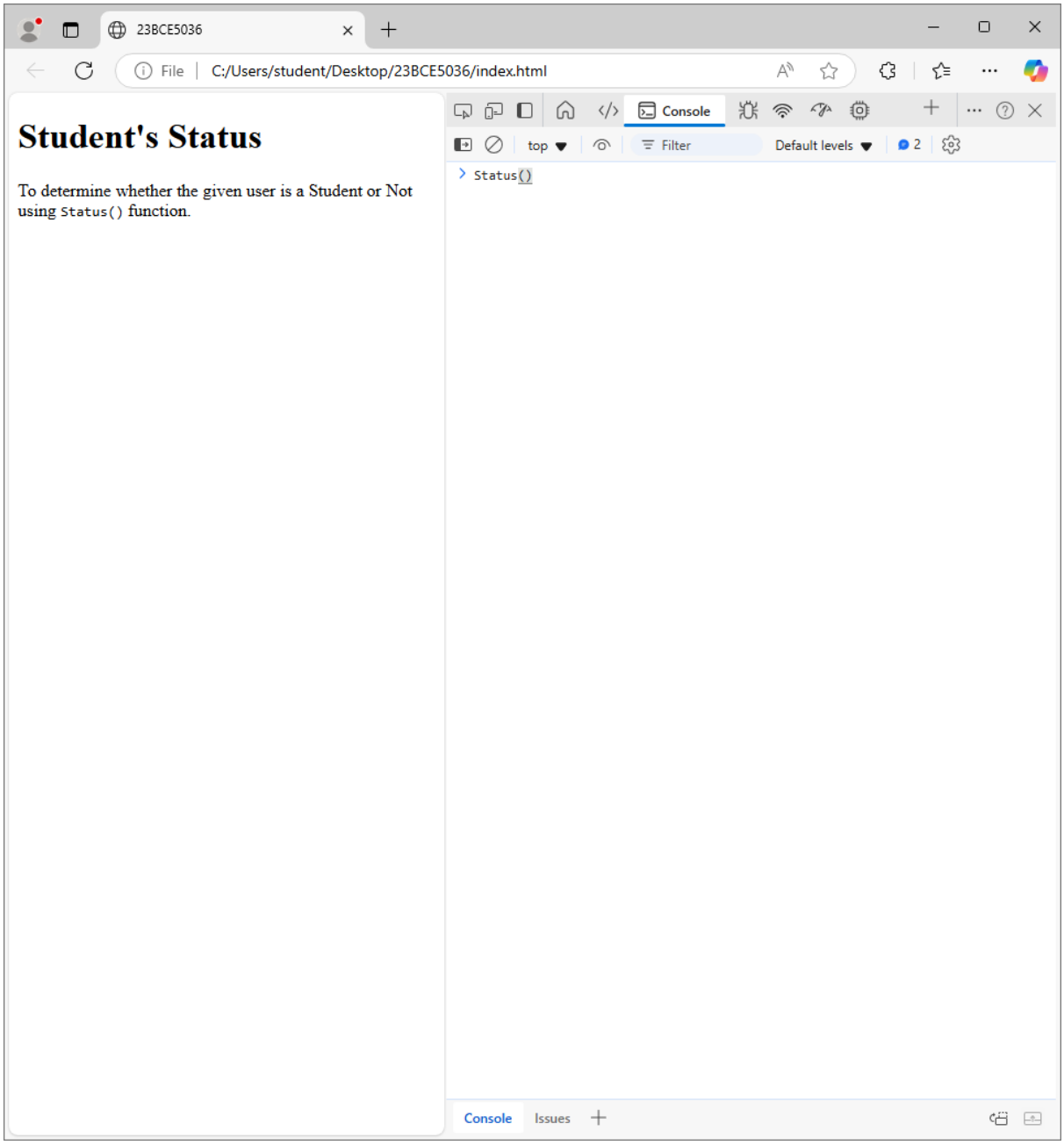

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Driving Eligibility
To determine whether a person is elig
checkDrivingEligibility().
This page says
You are eligible to drive!
OK

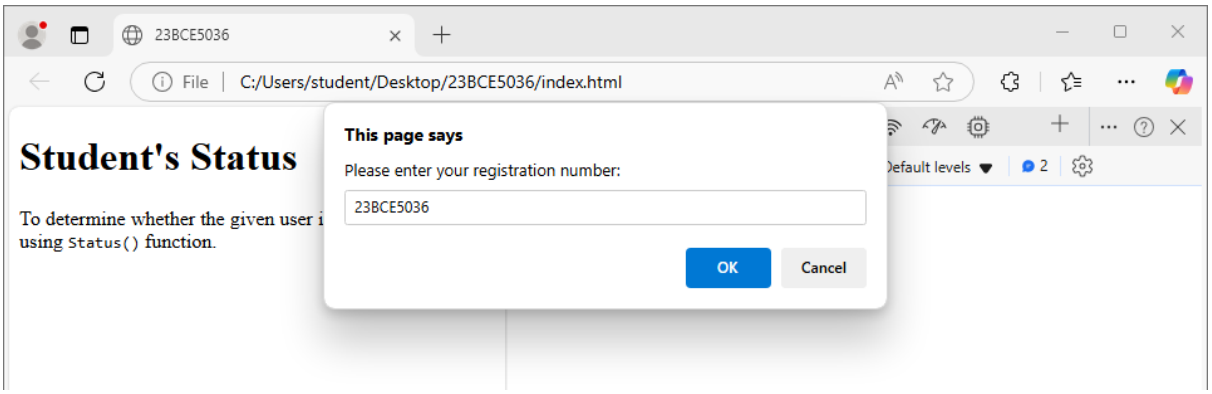
Question-3

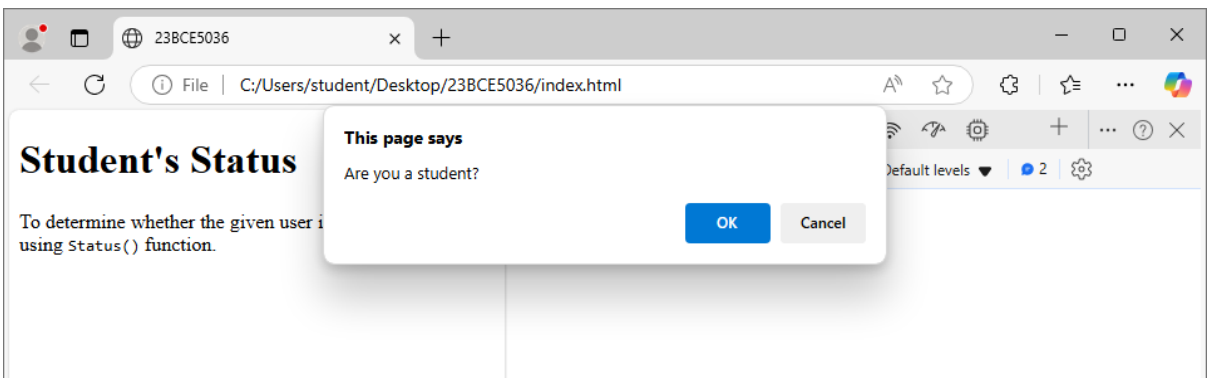

23BCE5036
EXPLORER
OPEN EDITORS
23BCE5036
drive_question2.png
index_question1.png
index_question2.png
index.html
javafile_question1.png
q1a.png
q1b.png
q1c.png
q1d.png
q1e.png
q2a.png
q2b.png
q2c.png
q3a.png
q3b.png
q3c.png
q3d.png
status.js
status.js
index.html
index_question1.png
status.js > Status
function Status() {
let regNumber = prompt("Please enter your registration number:");
let isStudent = confirm("Are you a student?");
if (isStudent) {
alert("Registration number " + regNumber + " is confirmed for a student.");
} else {
alert("Registration number " + regNumber + " is not confirmed for a student.");
}
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
PS C:\Users\student\Desktop\23BCE5036>

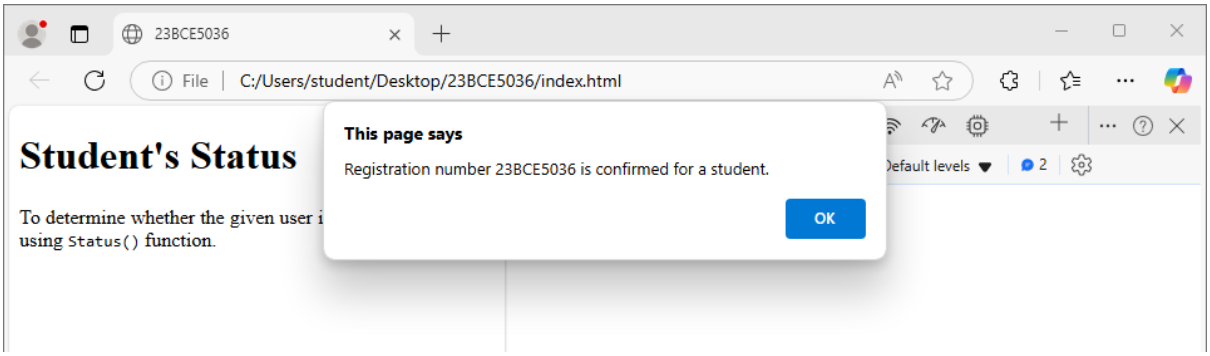

23BCE5036
EXPLORER
OPEN EDITORS
23BCE5036
drive_question2.png
index_question1.png
index_question2.png
index.html
javafile_question1.png
q1a.png
q1b.png
q1c.png
q1d.png
q1e.png
q2a.png
q2b.png
q2c.png
q3a.png
q3b.png
q3c.png
q3d.png
status_question3.png
status.js
status.js
index_question2.png
index.html
index.html > html > body > script
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>23BCE5036</title>
</head>
<body>
<h1>Student's Status</h1>
<p>To determine whether the given user is a Student or Not using <code>Status()</code> func
<script src="status.js"></script>
</body>
</html>
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
PS C:\Users\student\Desktop\23BCE5036>

Code:

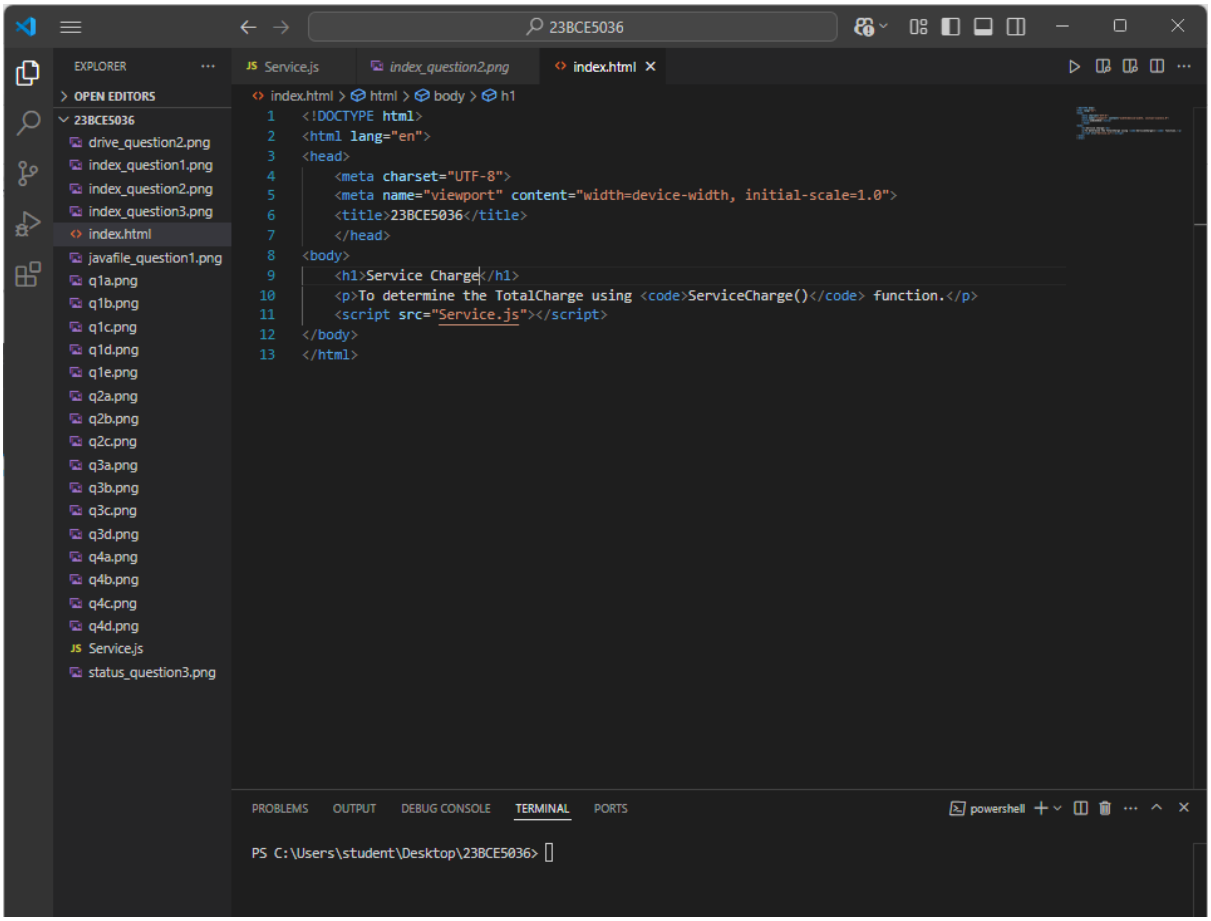

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Student's Status
To determine whether the given user is a Student or Not using Status() function.
Console
top
Filter
Default levels
2
Status()
Console
Issues

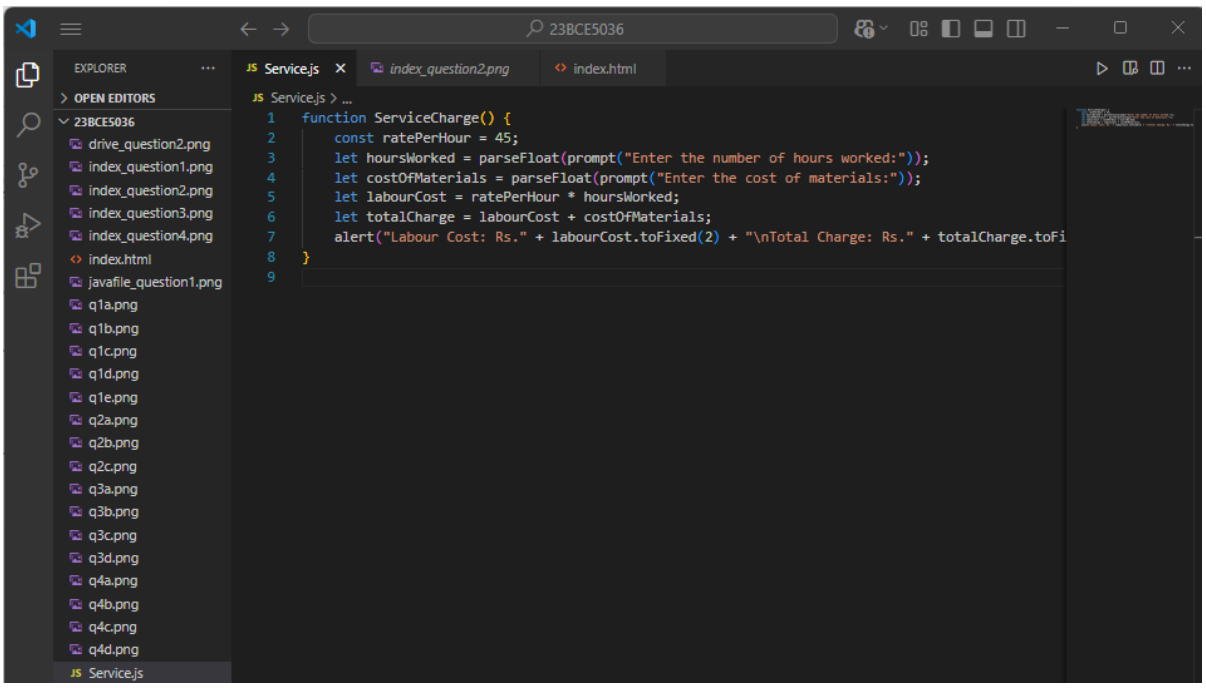

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Student's Status
To determine whether the given user i
using Status() function.
This page says
Please enter your registration number:
23BCE5036
OK
Cancel


23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Student's Status
To determine whether the given user i
using Status() function.
This page says
Are you a student?
OK
Cancel

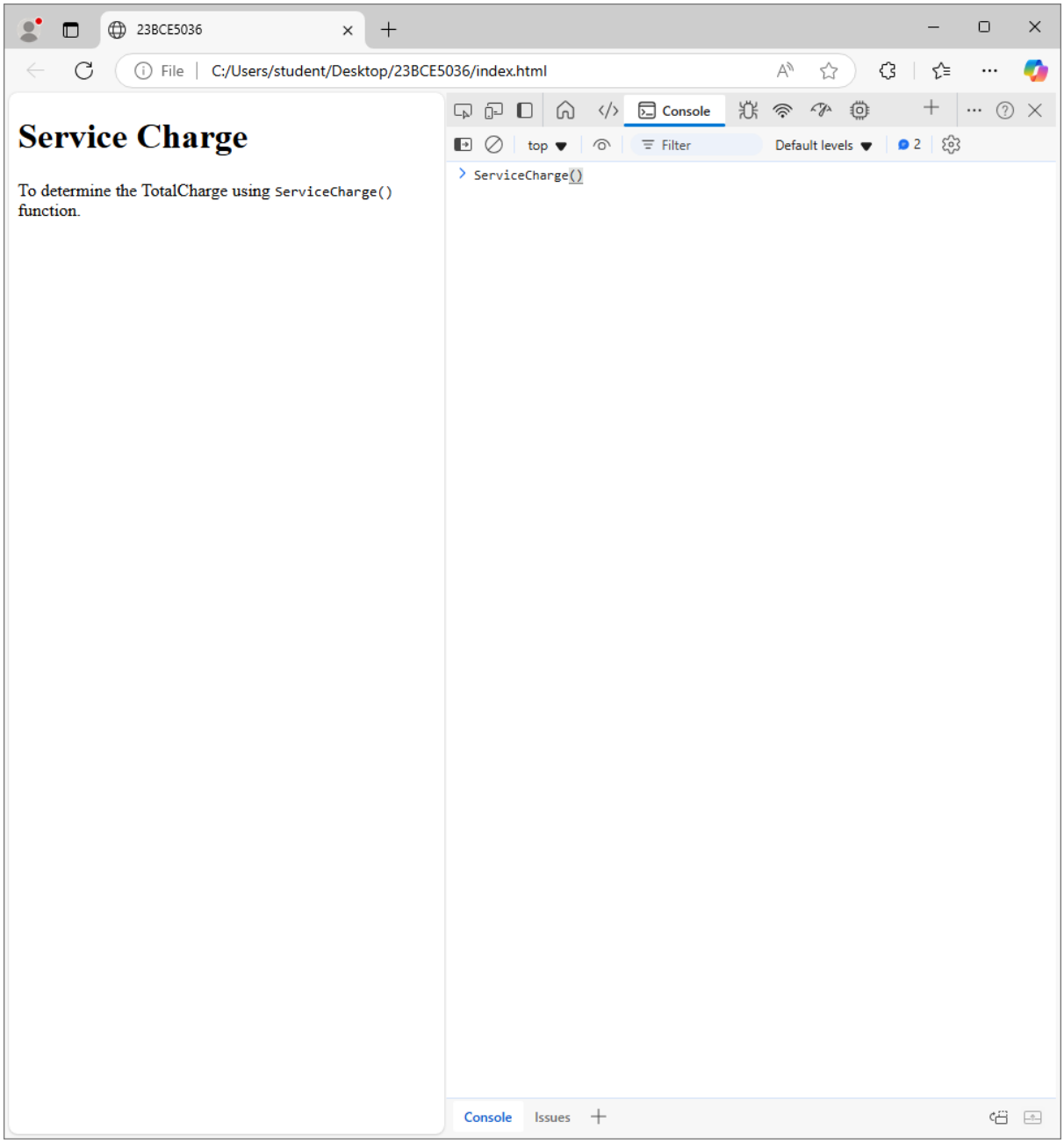

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Student's Status
To determine whether the given user i
using Status() function.
This page says
Registration number 23BCE5036 is confirmed for a student.
OK

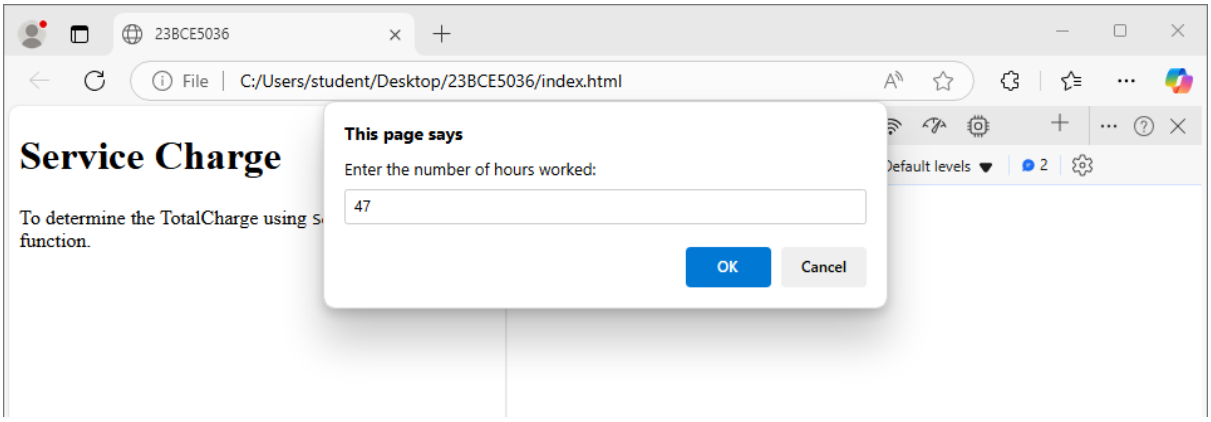
Question-4

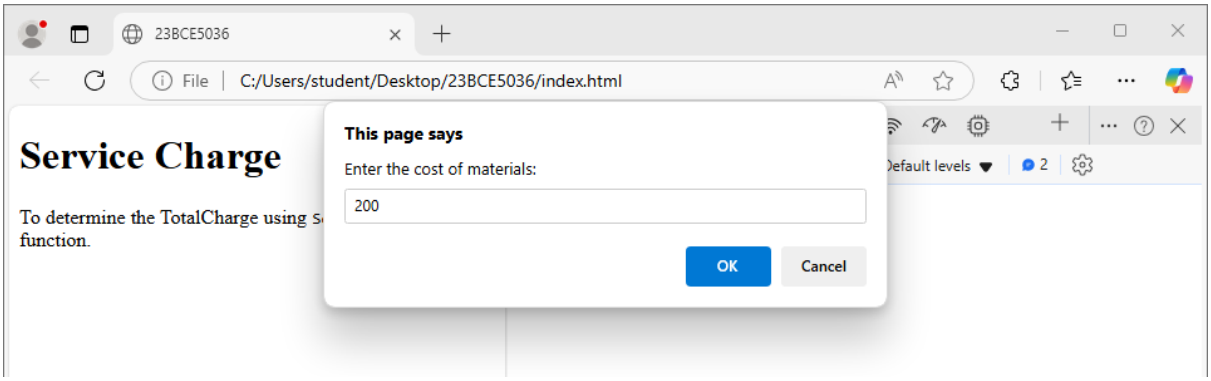

23BCE5036
EXPLORER
OPEN EDITORS
23BCE5036
drive_question2.png
index_question1.png
index_question2.png
index_question3.png
index.html
javafile_question1.png
q1a.png
q1b.png
q1c.png
q1d.png
q1e.png
q2a.png
q2b.png
q2c.png
q3a.png
q3b.png
q3c.png
q3d.png
q4a.png
q4b.png
q4c.png
q4d.png
Service.js
status_question3.png
Service.js
index_question2.png
index.html
index.html > html > body > h1
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>23BCE5036</title>
</head>
<body>
<h1>Service Charge</h1>
To determine the TotalCharge using <code>ServiceCharge()</code> function.
<script src="Service.js"></script>
</body>
</html>
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
powershell
PS C:\Users\student\Desktop\23BCE5036>

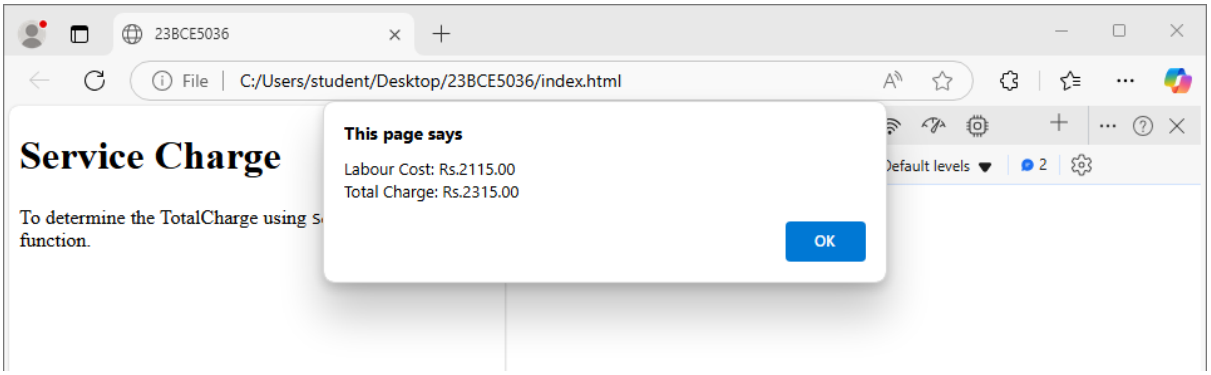

23BCE5036
EXPLORER
OPEN EDITORS
23BCE5036
drive_question2.png
index_question1.png
index_question2.png
index_question3.png
index_question4.png
index.html
javafile_question1.png
q1a.png
q1b.png
q1c.png
q1d.png
q1e.png
q2a.png
q2b.png
q2c.png
q3a.png
q3b.png
q3c.png
q3d.png
q4a.png
q4b.png
q4c.png
q4d.png
Service.js
Service.js
index_question2.png
index.html
Service.js > ...
function ServiceCharge() {
const ratePerHour = 45;
let hoursWorked = parseFloat(prompt("Enter the number of hours worked:"));
let costOfMaterials = parseFloat(prompt("Enter the cost of materials:"));
let labourCost = ratePerHour * hoursWorked;
let totalCharge = labourCost + costOfMaterials;
alert("Labour Cost: Rs." + labourCost.toFixed(2) + "\nTotal Charge: Rs." + totalCharge.toFi
}

Code:

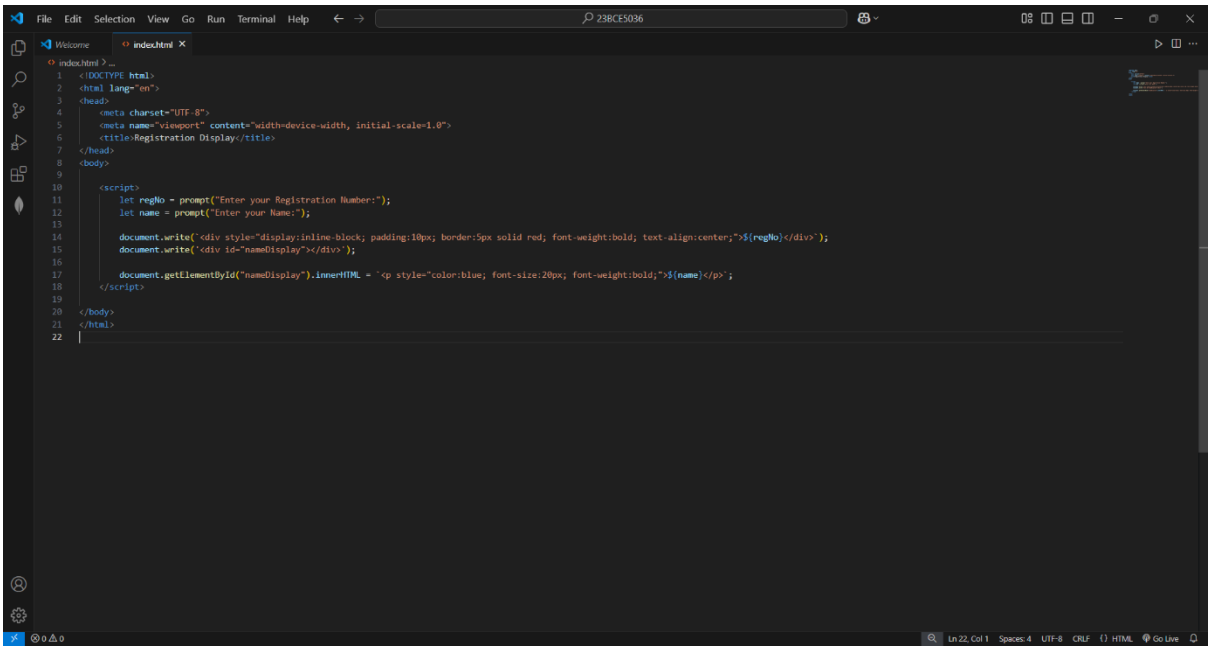

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Service Charge
To determine the TotalCharge using ServiceCharge() function.
Console
top
Filter
Default levels
2
ServiceCharge()
Console
Issues

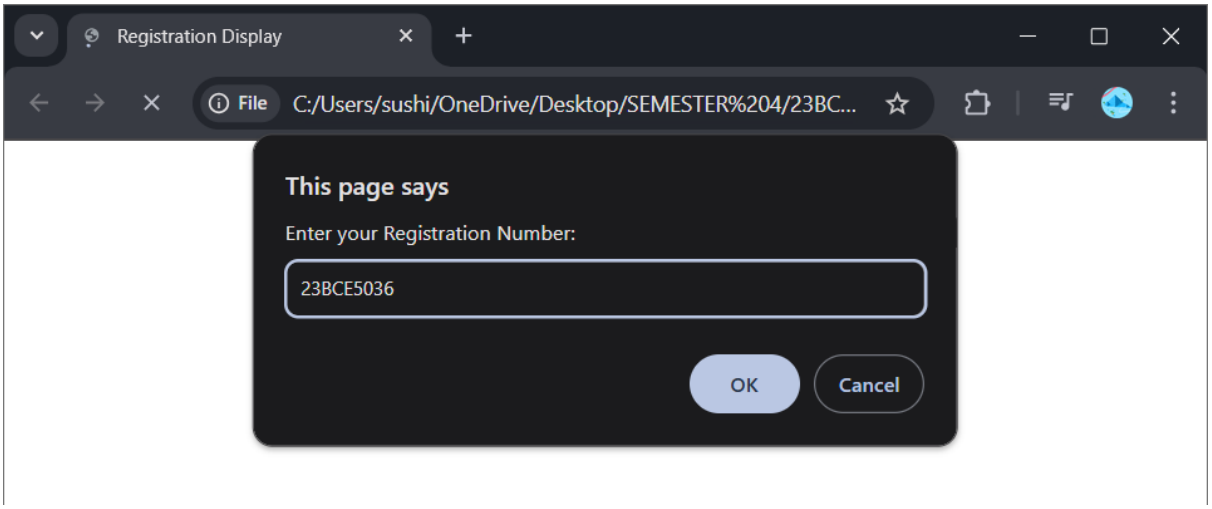

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Service Charge
To determine the TotalCharge using s
function.
This page says
Enter the number of hours worked:
47
OK
Cancel
Default levels
2

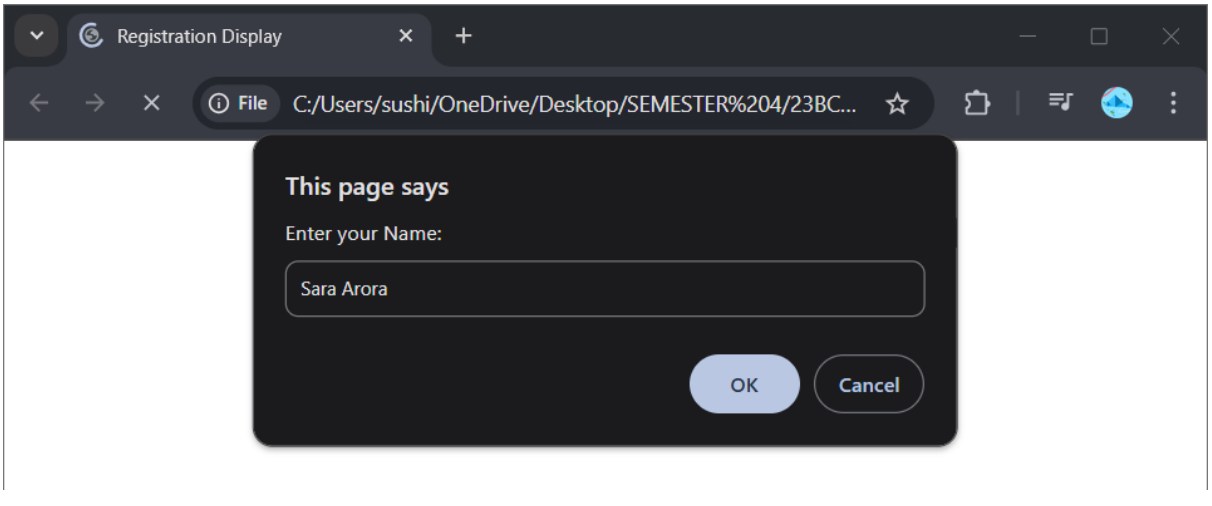

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Service Charge
To determine the TotalCharge using s
function.
This page says
Enter the cost of materials:
200
OK
Cancel
Default levels
2

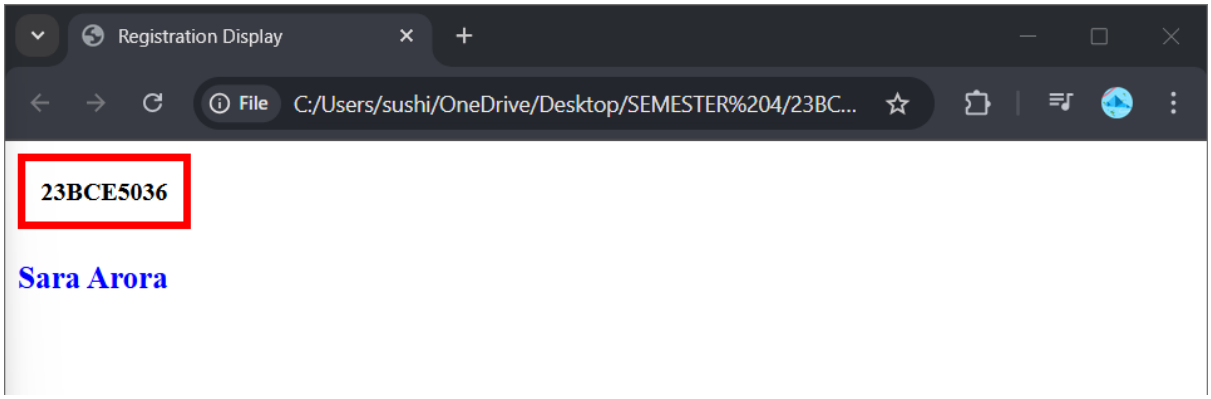

23BCE5036
File | C:/Users/student/Desktop/23BCE5036/index.html
Service Charge
To determine the TotalCharge using s
function.
This page says
Labour Cost: Rs.2115.00
Total Charge: Rs.2315.00
OK

Question-5

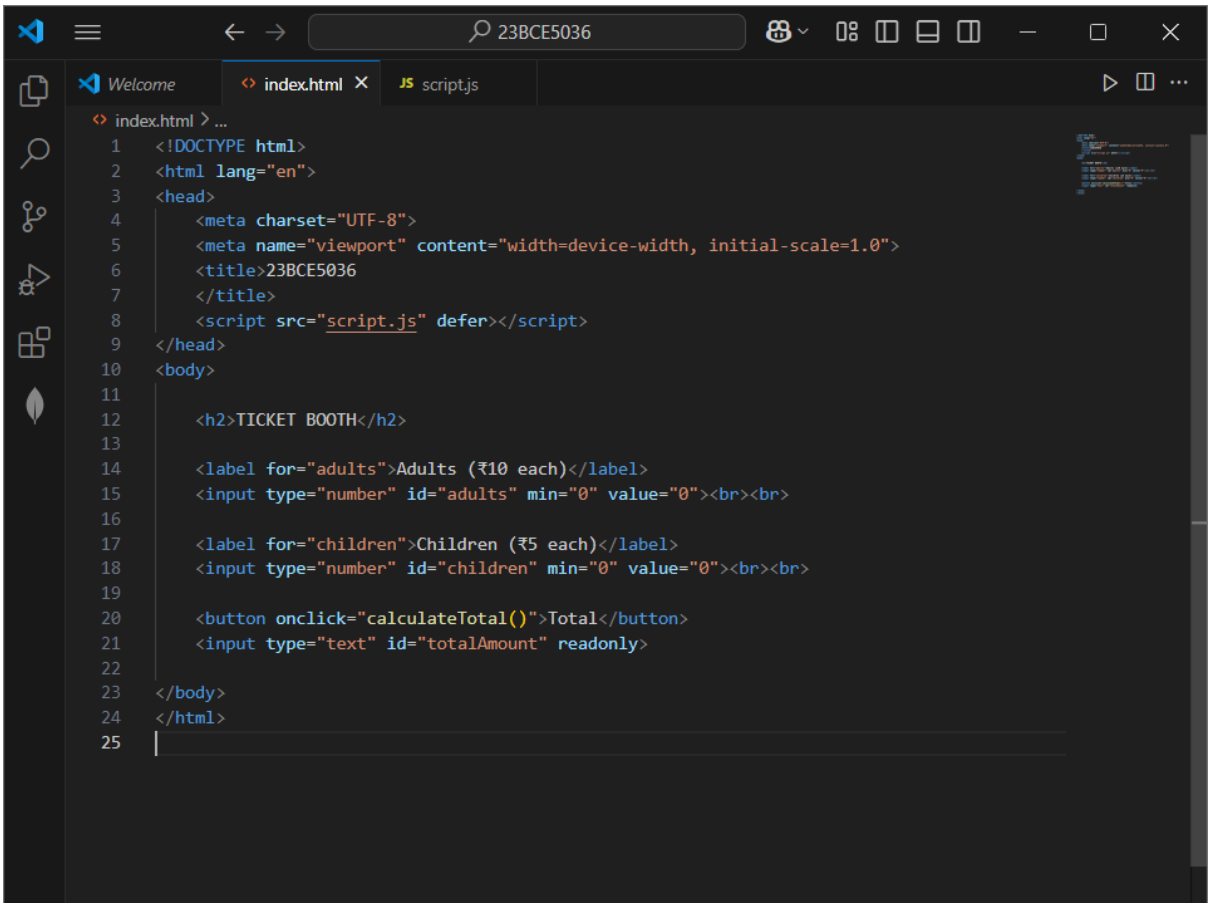

File Edit Selection View Go Run Terminal Help
23BCE5036
index.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Registration Display</title>
</head>
<body>
<script>
let regNo = prompt("Enter your Registration Number:");
let name = prompt("Enter your Name:");
document.write(`<div style="display:inline-block; padding:10px; border:5px solid red; font-weight:bold; text-align:center;">${regNo}</div>`);
document.write(`<div id="nameDisplay"></div>`);
document.getElementById("nameDisplay").innerHTML = `<p style="color:blue; font-size:20px; font-weight:bold;">${name}</p>`;
</script>
</body>
</html>


Registration Display
File C:/Users/sushi/OneDrive/Desktop/SEMESTER%204/23BC...
This page says
Enter your Registration Number:
23BCE5036
OK
Cancel


Registration Display
File C:/Users/sushi/OneDrive/Desktop/SEMESTER%204/23BC...
This page says
Enter your Name:
Sara Arora
OK
Cancel

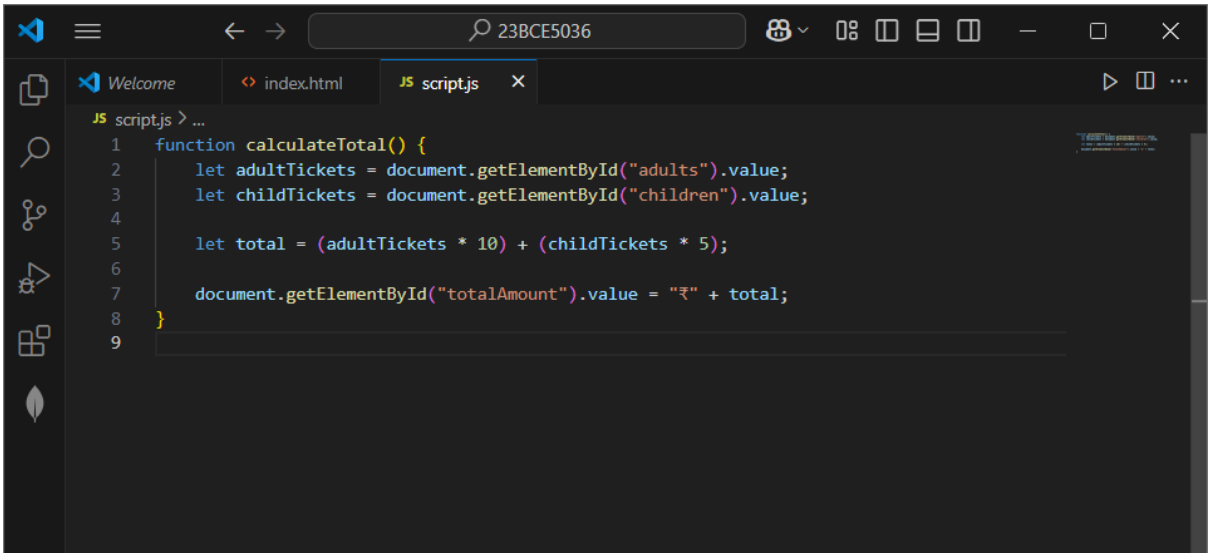

Registration Display
File
C:/Users/sushi/OneDrive/Desktop/SEMESTER%204/23BC...
23BCE5036
Sara Arora

Question-6

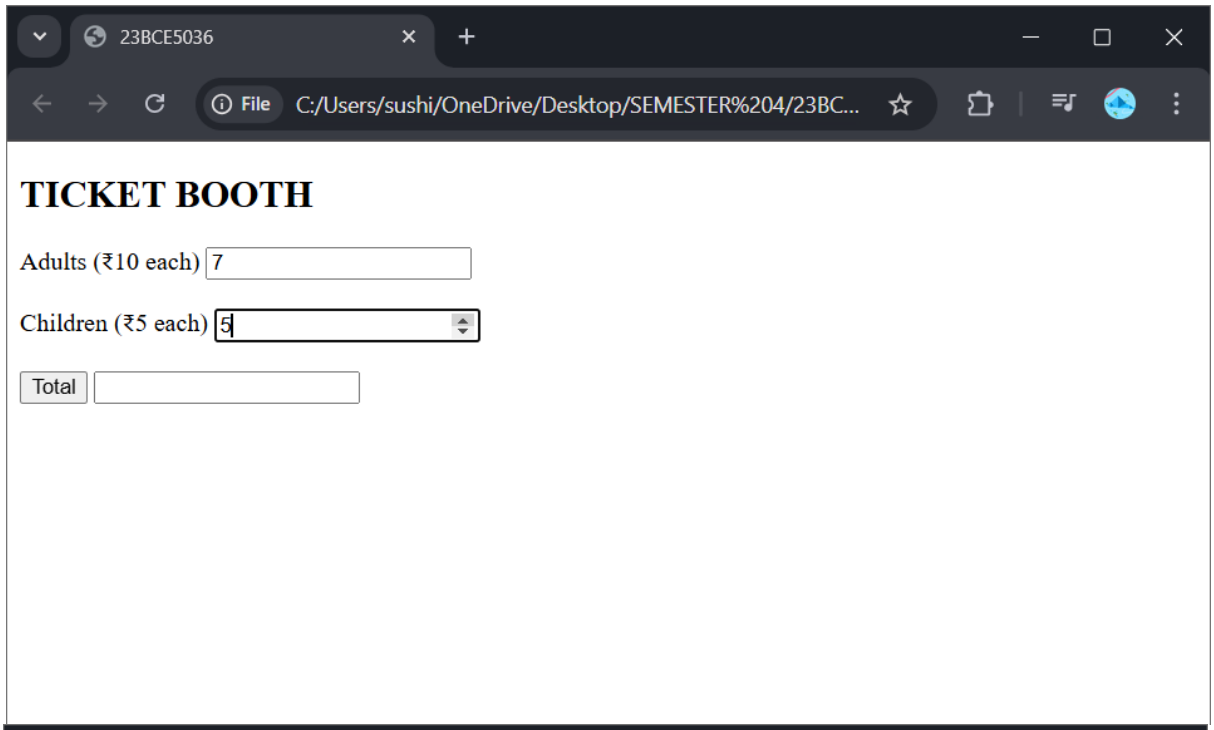

23BCE5036
Welcome
index.html
script.js
index.html > ...
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>23BCE5036
</title>
<script src="script.js" defer></script>
</head>
<body>
<h2>TICKET BOOTH</h2>
<label for="adults">Adults (₹10 each)</label>
<input type="number" id="adults" min="0" value="0">

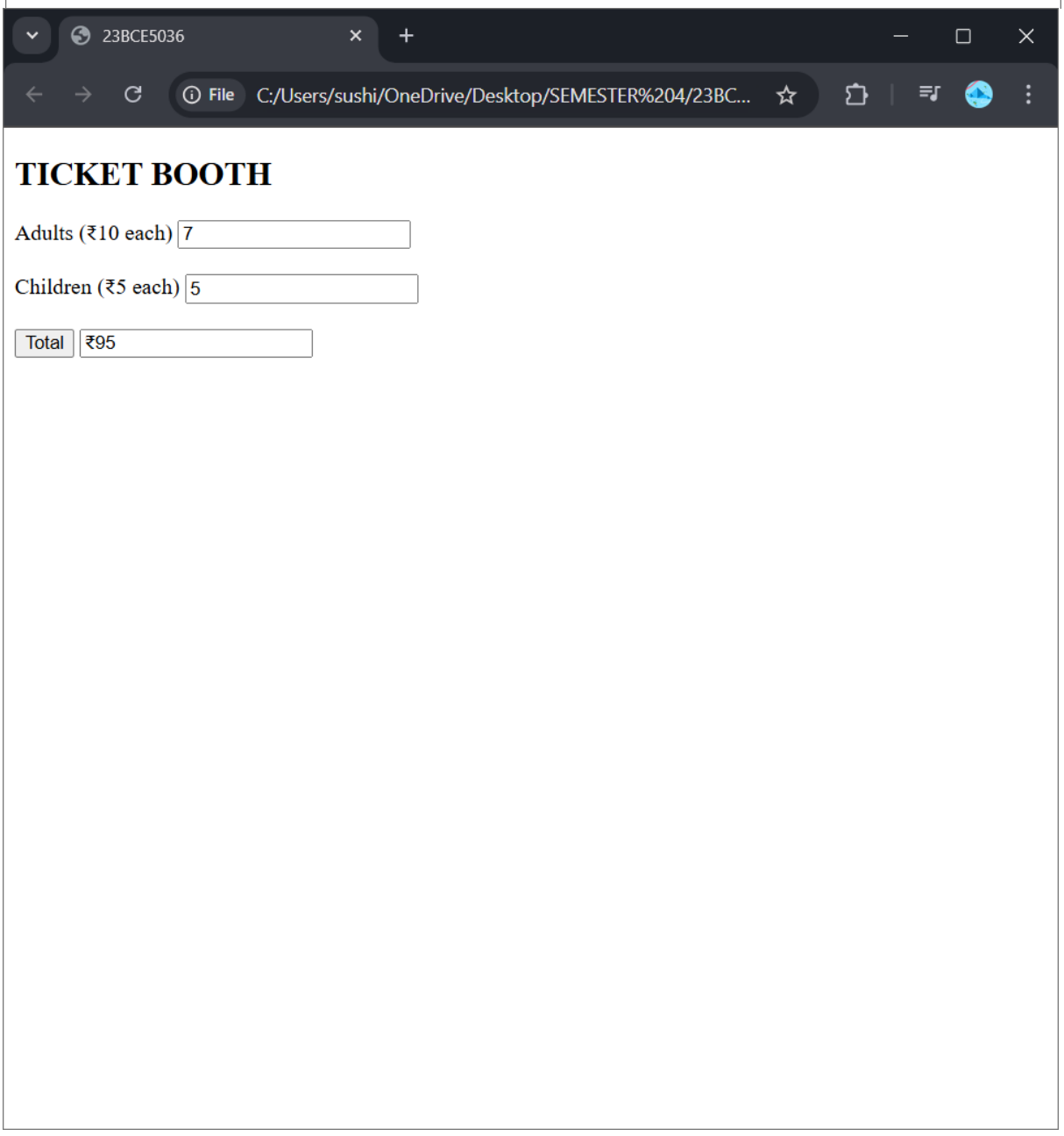
<label for="children">Children (₹5 each)</label>
<input type="number" id="children" min="0" value="0">

<button onclick="calculateTotal()">Total</button>
<input type="text" id="totalAmount" readonly>
</body>
</html>


23BCE5036
Welcome
index.html
script.js
script.js > ...
function calculateTotal() {
let adultTickets = document.getElementById("adults").value;
let childTickets = document.getElementById("children").value;
let total = (adultTickets * 10) + (childTickets * 5);
document.getElementById("totalAmount").value = "₹" + total;
}

Code:


23BCE5036
File
C:/Users/sushi/OneDrive/Desktop/SEMESTER%204/23BC...
TICKET BOOTH
Adults (₹10 each) 7
Children (₹5 each) 5
Total


23BCE5036
File
C:/Users/sushi/OneDrive/Desktop/SEMESTER%204/23BC...
TICKET BOOTH
Adults (₹10 each) 7
Children (₹5 each) 5
Total ₹95