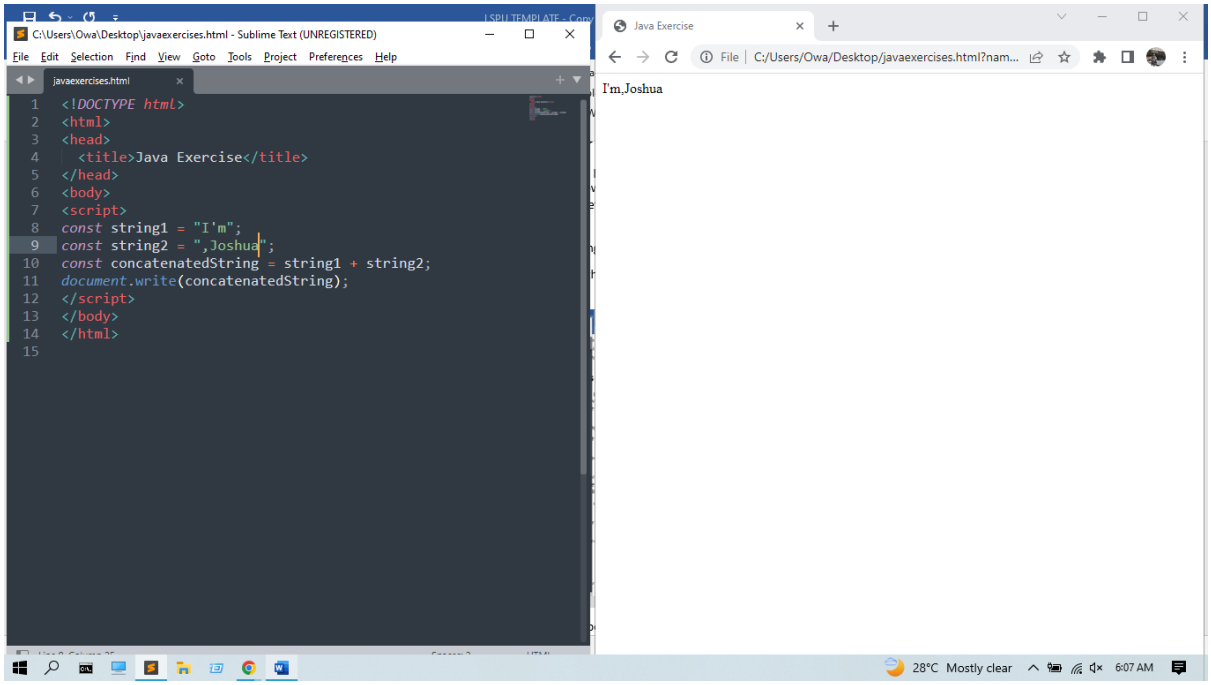
Republic of the Philippines
Laguna State Polytechnic University
Province of Laguna

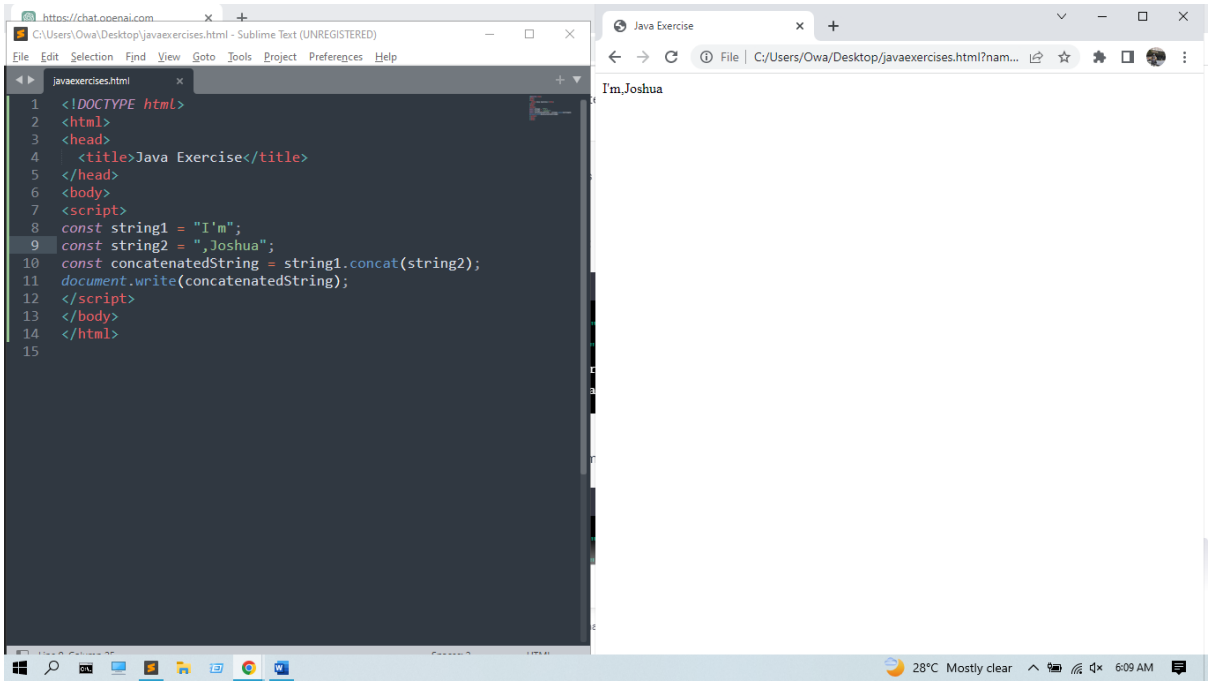
Coding Exercises in JavaScript

Exer #1: Show way(s) to concatenate the following two strings together to get the string "I'm, ."

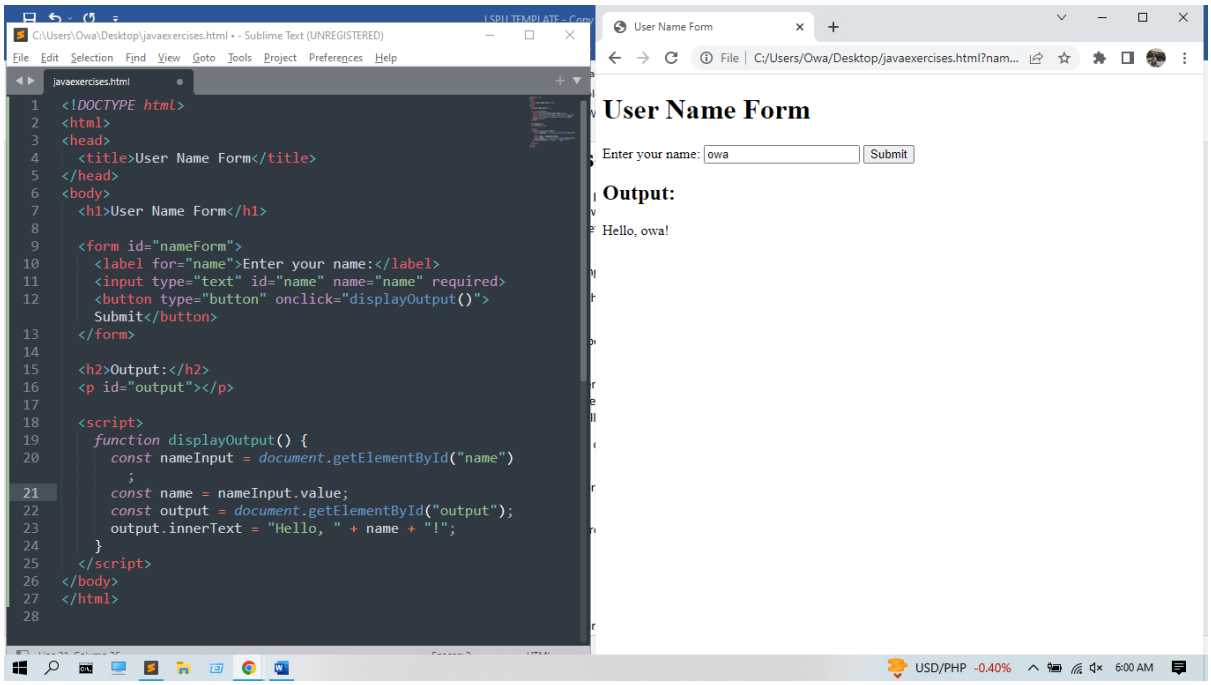
USING + OPERATOR



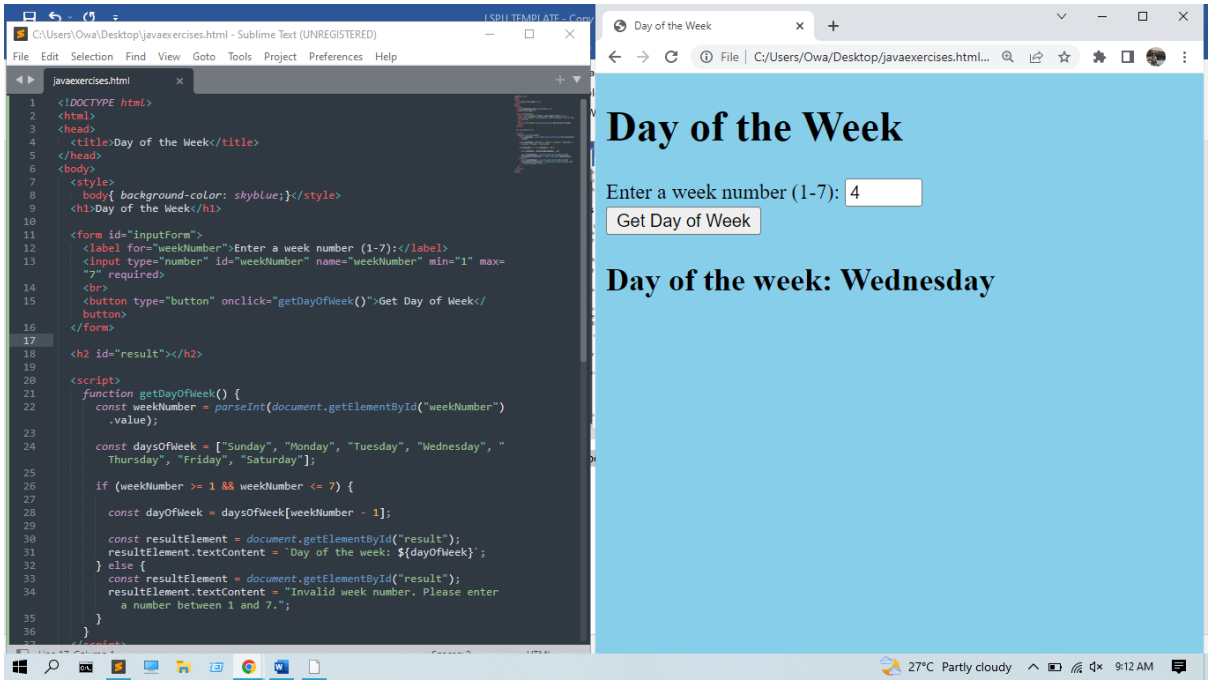
USING CONCAT METHOD



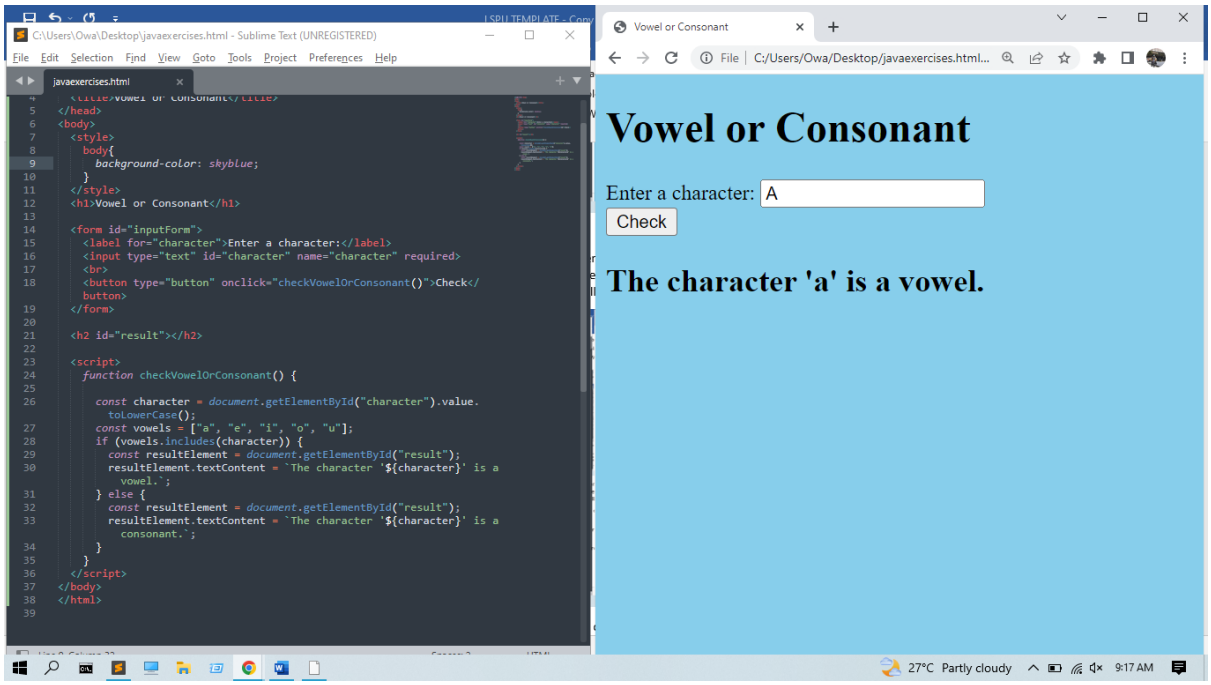
Exer #2: Create a simple HTML form and accept the user's name and display the name through any JS output statement.



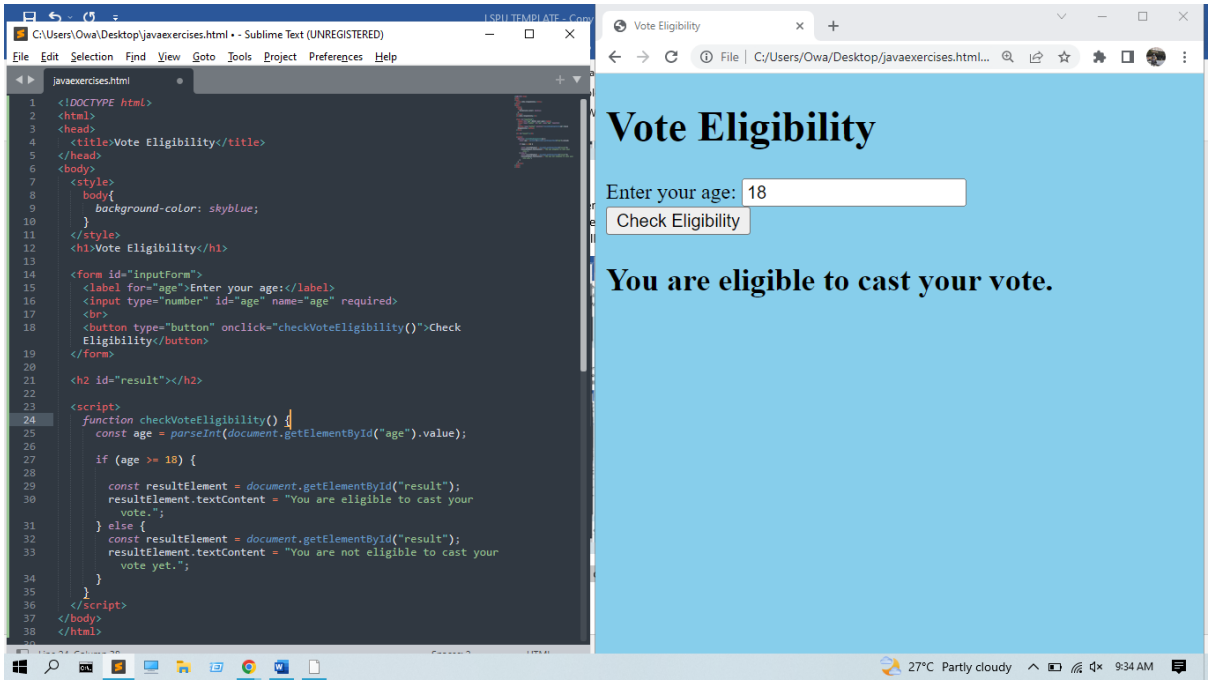
Exer #3: Create a JS program to input week number (1-7) and print the corresponding day of week name.



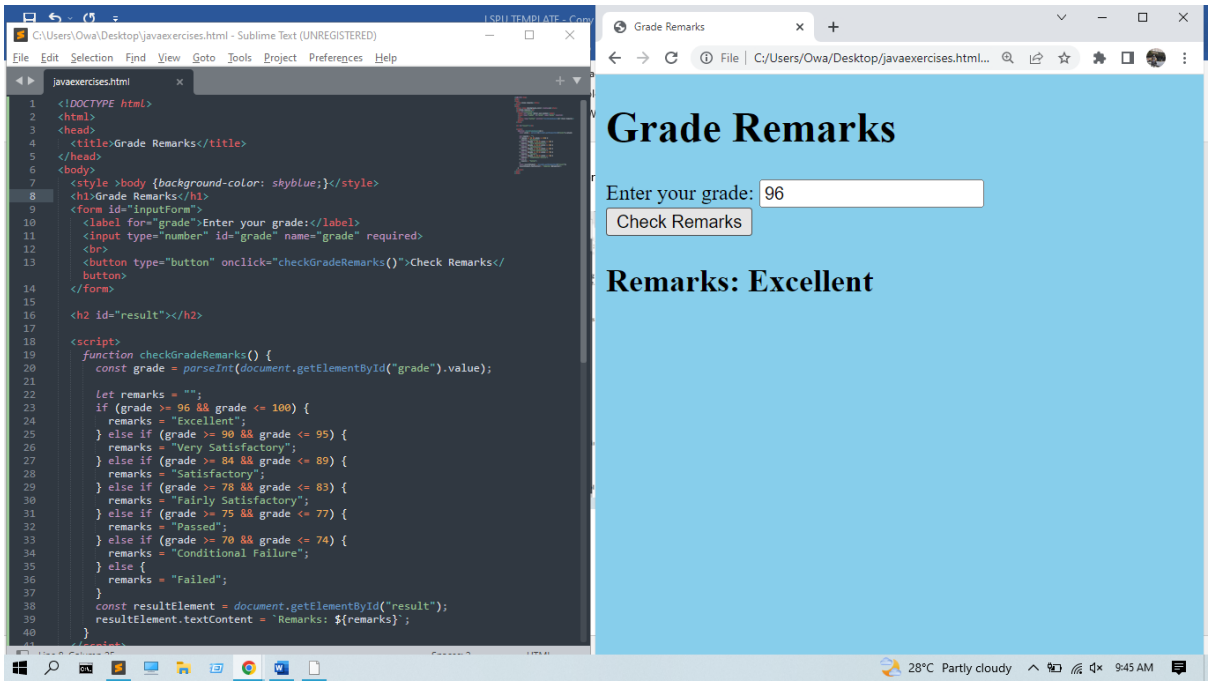
Exer #4: Create a JS program that will tell the user if the character they input is Vowel or Consonant. The five alphabets A, E, I, O and U are called vowels. All other alphabets except these 5 vowel letters are called consonants. Assuming that the user will always enter an alphabet character.



Exer #5: Create a JS program to read the age of a candidate and determine whether the user is eligible for casting his/her own vote.

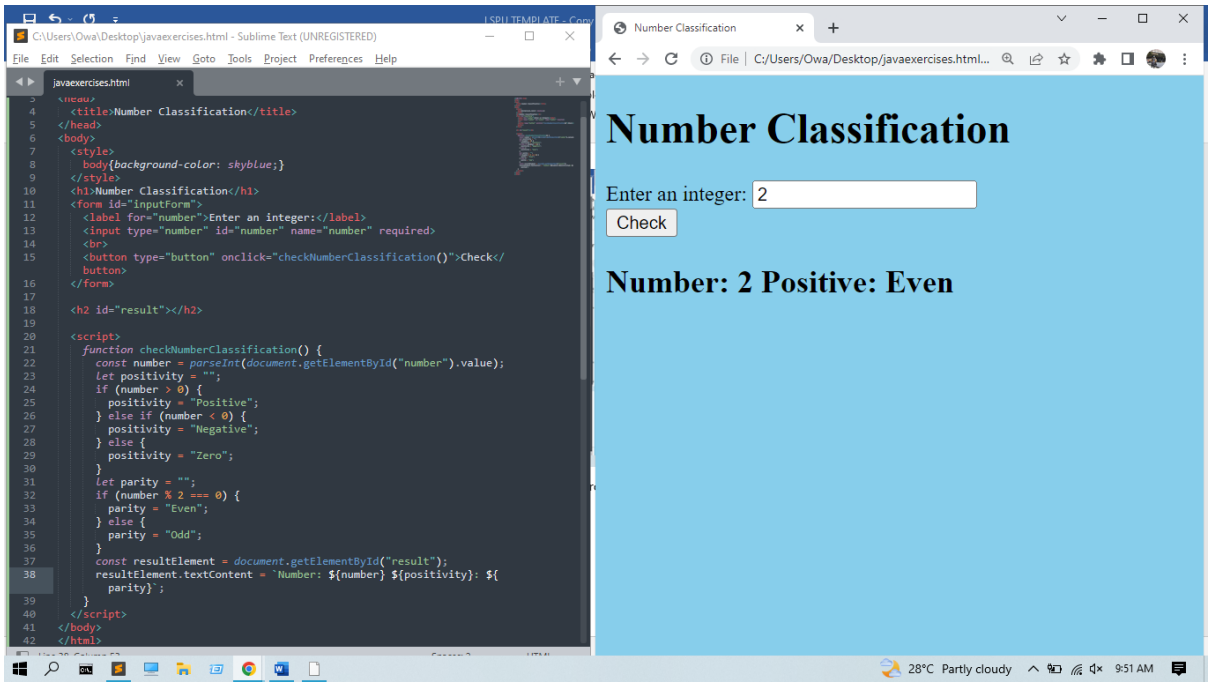


Exer #6: Create a JS program that identifies the proper remarks based on students' grade as an input.



Exer #7: Create a JS Program that accepts input from the user. Display a message telling whether the integer is:

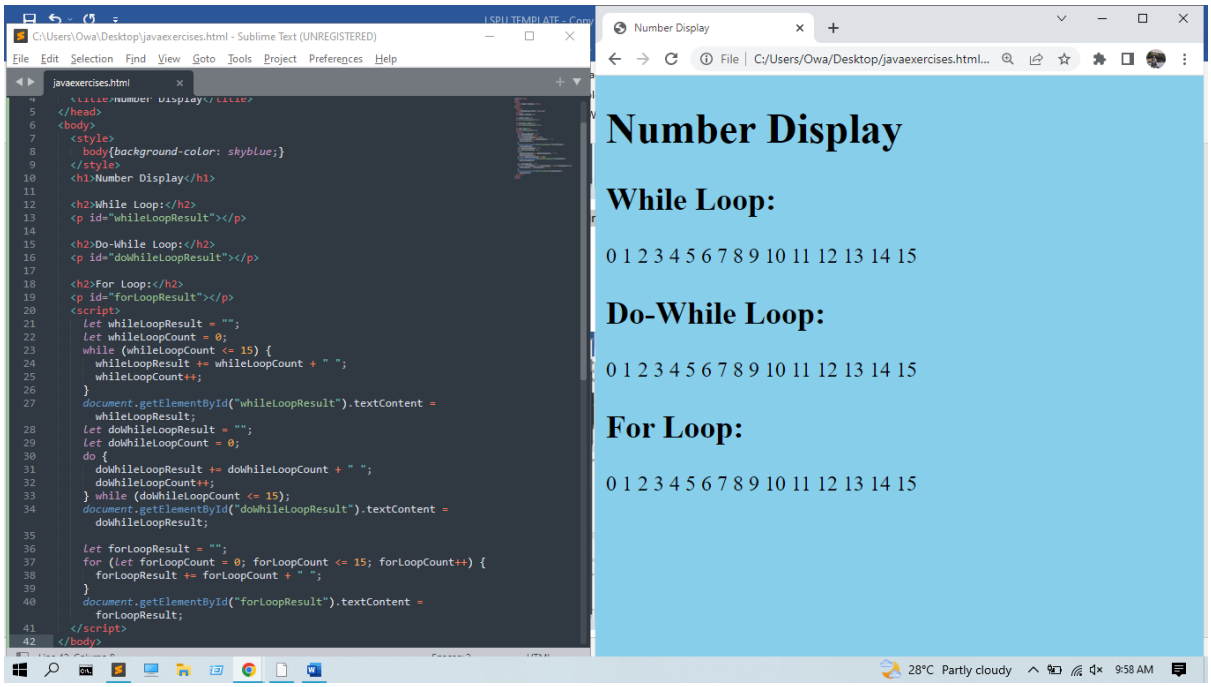
- Positive or Negative
- Odd or Even



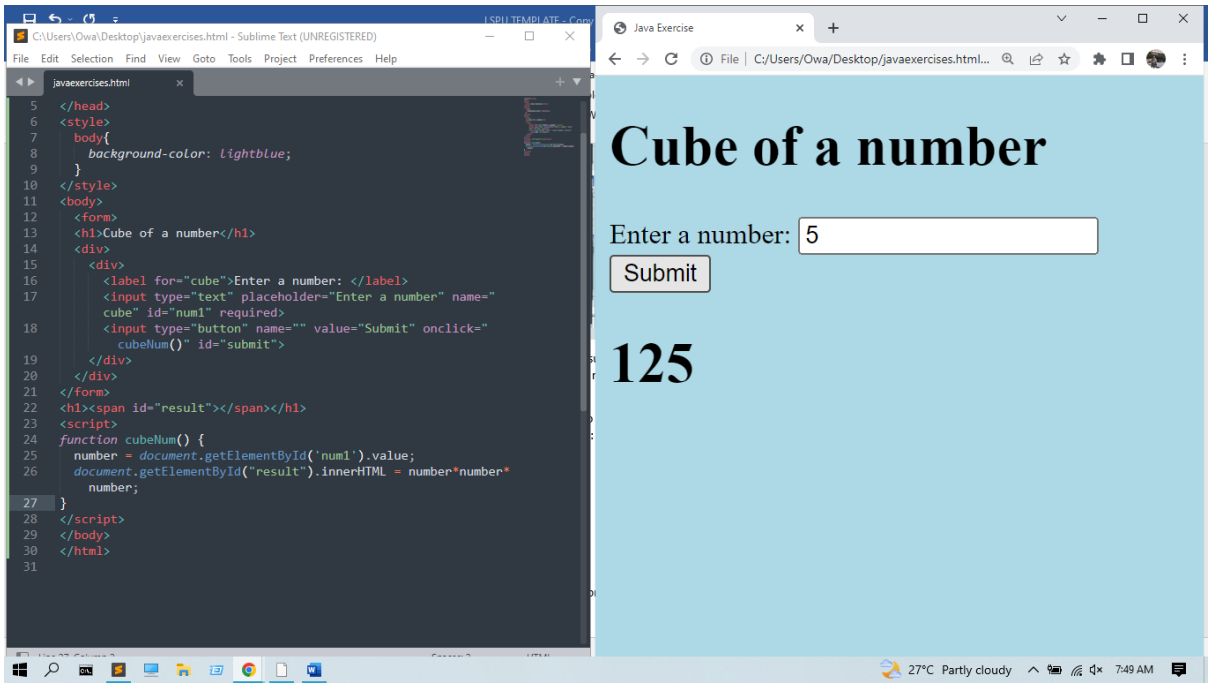
Exer #8: Create a JS Program that will display an integer from 0 to 15 using the following looping statements:

- while loop
- do-while loop

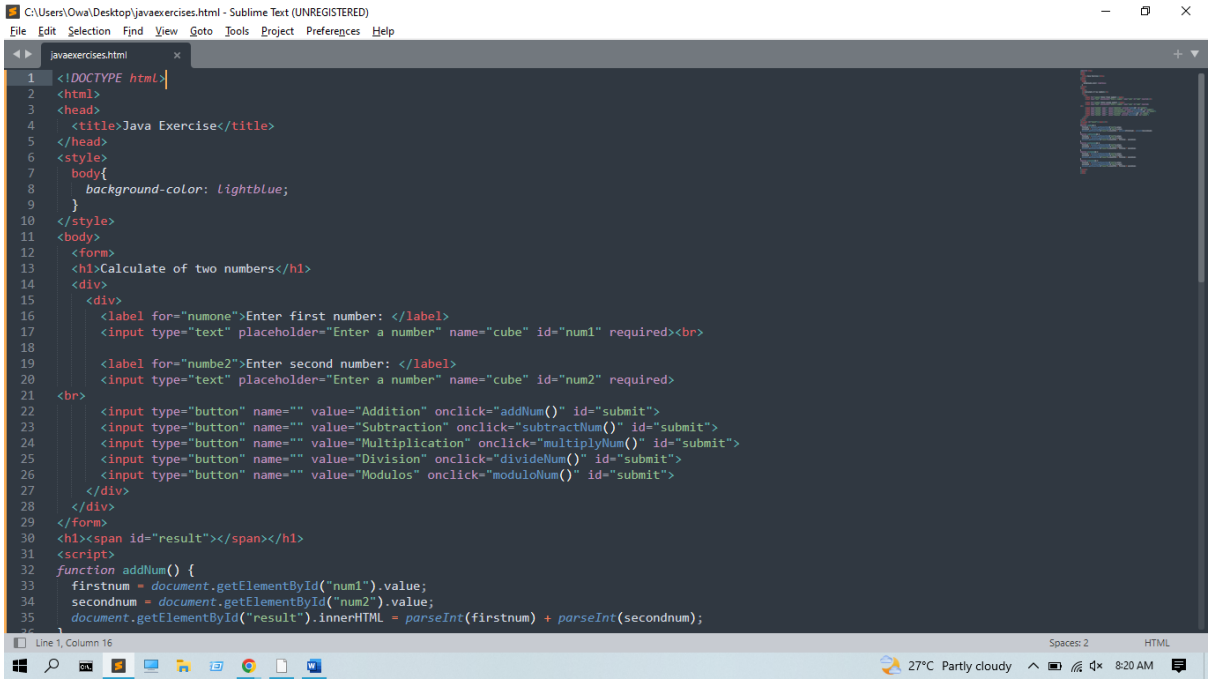
• for loop



Exer #9: Create a JS program that displays the result of cubing a number coming from the user. Pass a number to a function that cubes a number and returns the result. The display should execute within the function that calls the cube method.



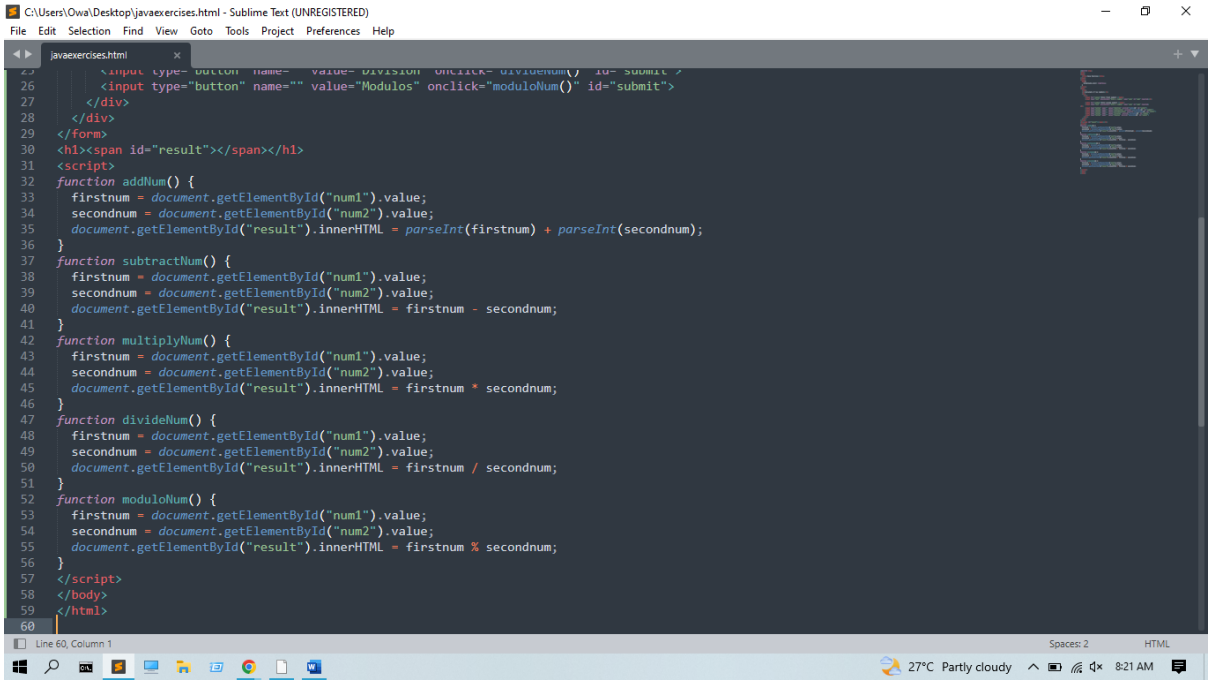
Exer #10: Create a JS program that calculates two (2) numbers input by the user. Perform the following math operations using the given inputs:


C:\Users\Owa\Desktop\javaexercises.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
javaexercises.html
<!DOCTYPE html>
<html>
<head>
<title>Java Exercise</title>
</head>
<style>
body{
background-color: lightblue;
}
</style>
<body>
<form>
<h1>Calculate of two numbers</h1>

<label for="numone">Enter first number: </label>
<input type="text" placeholder="Enter a number" name="cube" id="num1" required>
<label for="numbe2">Enter second number: </label>
<input type="text" placeholder="Enter a number" name="cube" id="num2" required>

<input type="button" name="" value="Addition" onclick="addNum()" id="submit">
<input type="button" name="" value="Subtraction" onclick="subtractNum()" id="submit">
<input type="button" name="" value="Multiplication" onclick="multiplyNum()" id="submit">
<input type="button" name="" value="Division" onclick="divideNum()" id="submit">
<input type="button" name="" value="Modulos" onclick="moduloNum()" id="submit">

</form>
<h1></h1>
<script>
function addNum() {
firstnum = document.getElementById("num1").value;
secondnum = document.getElementById("num2").value;
document.getElementById("result").innerHTML = parseInt(firstnum) + parseInt(secondnum);
Line 1, Column 16
Spaces: 2
HTML
27°C Partly cloudy
8:20 AM


C:\Users\Owa\Desktop\javaexercises.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
javaexercises.html
<input type="button" name="" value="Modulos" onclick="moduloNum()" id="submit">

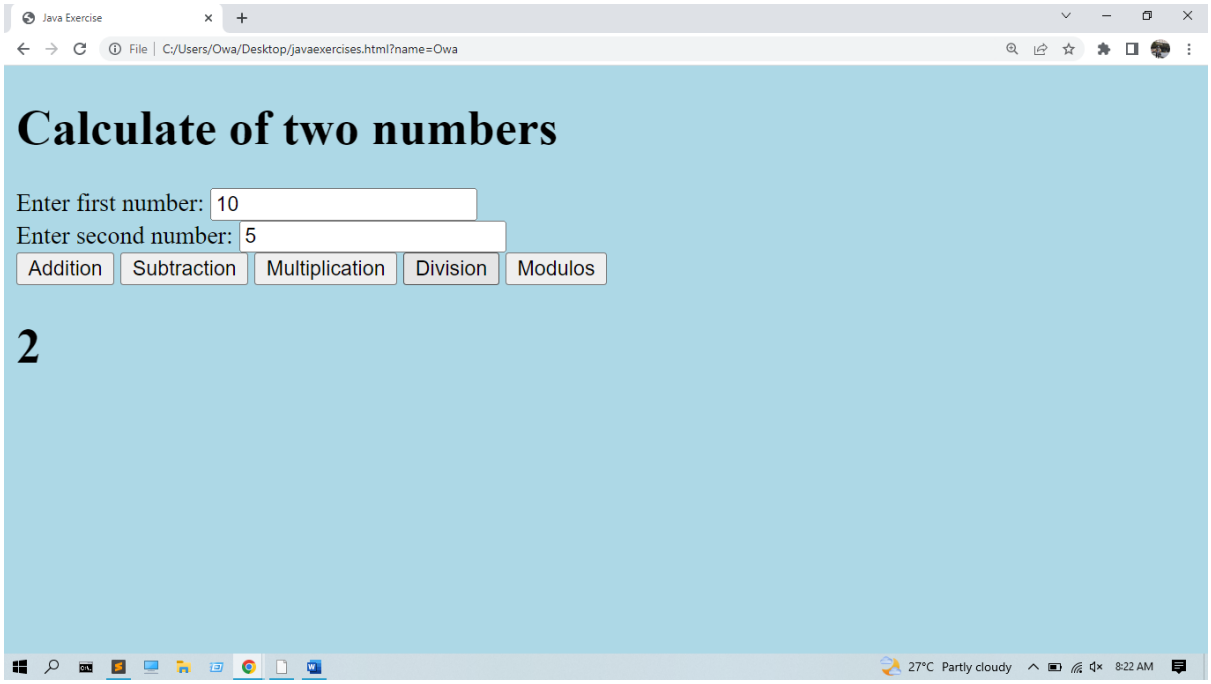
</form>
<h1></h1>
<script>
function addNum() {
firstnum = document.getElementById("num1").value;
secondnum = document.getElementById("num2").value;
document.getElementById("result").innerHTML = parseInt(firstnum) + parseInt(secondnum);
}
function subtractNum() {
firstnum = document.getElementById("num1").value;
secondnum = document.getElementById("num2").value;
document.getElementById("result").innerHTML = firstnum - secondnum;
}
function multiplyNum() {
firstnum = document.getElementById("num1").value;
secondnum = document.getElementById("num2").value;
document.getElementById("result").innerHTML = firstnum * secondnum;
}
function divideNum() {
firstnum = document.getElementById("num1").value;
secondnum = document.getElementById("num2").value;
document.getElementById("result").innerHTML = firstnum / secondnum;
}
function moduloNum() {
firstnum = document.getElementById("num1").value;
secondnum = document.getElementById("num2").value;
document.getElementById("result").innerHTML = firstnum % secondnum;
}
</script>
</body>
</html>
Line 60, Column 1
Spaces: 2
HTML
27°C Partly cloudy
8:21 AM

- Addition

- Subtraction

- Multiplication

- Division

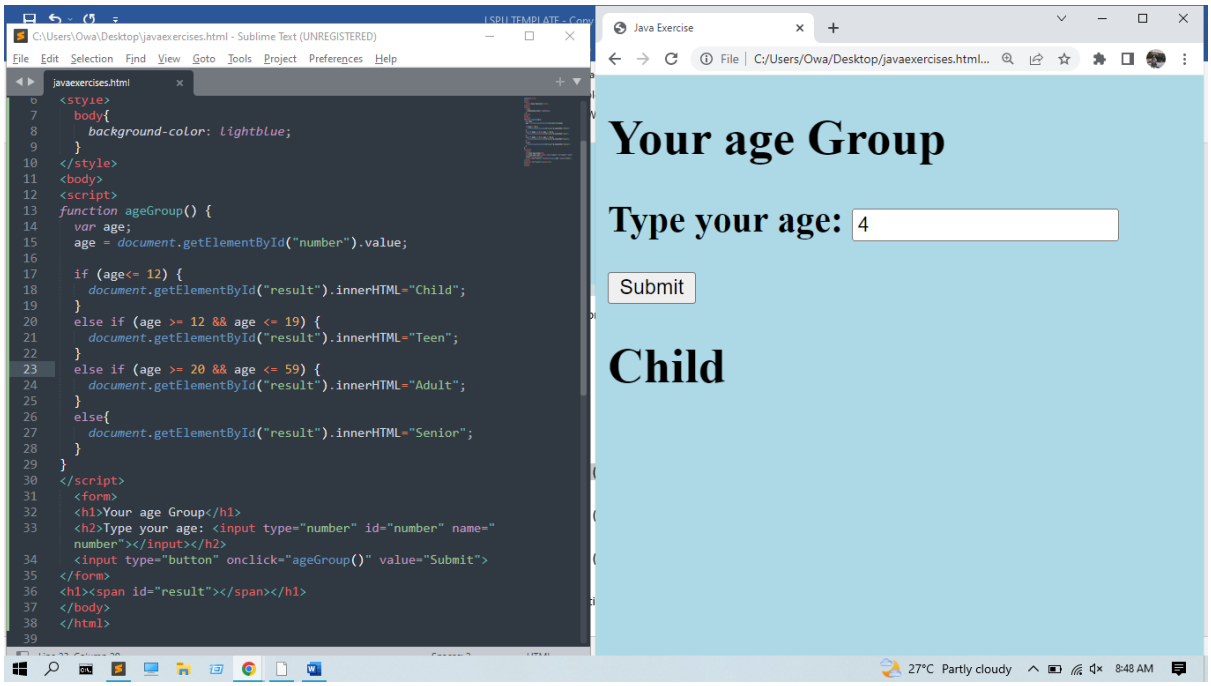


- Modulus / Modulo

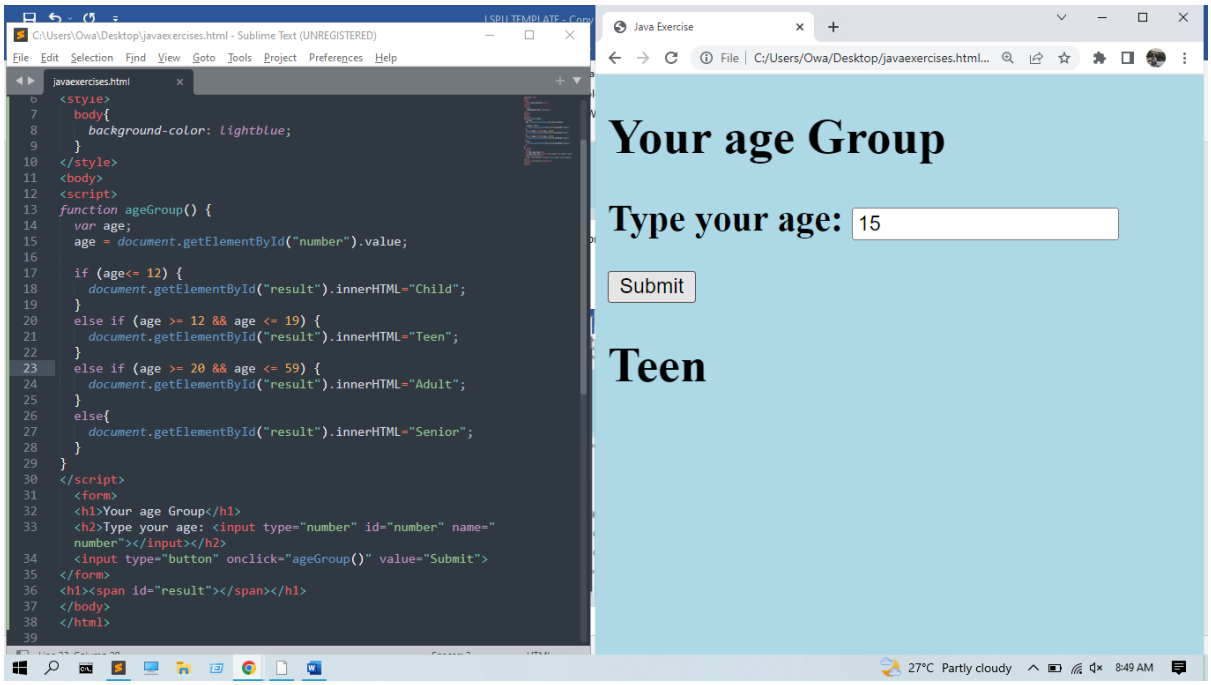
Exer #11: Create a JS program to find age group on the basis of age.

Age/Group:

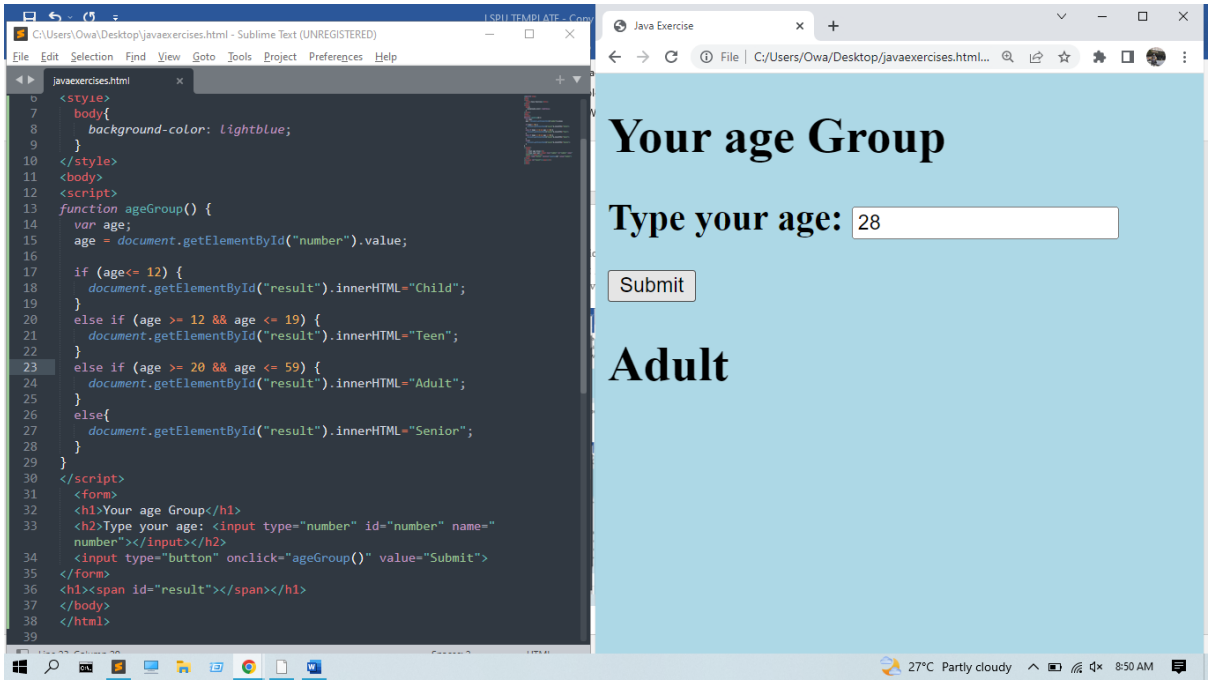
0-12/Child



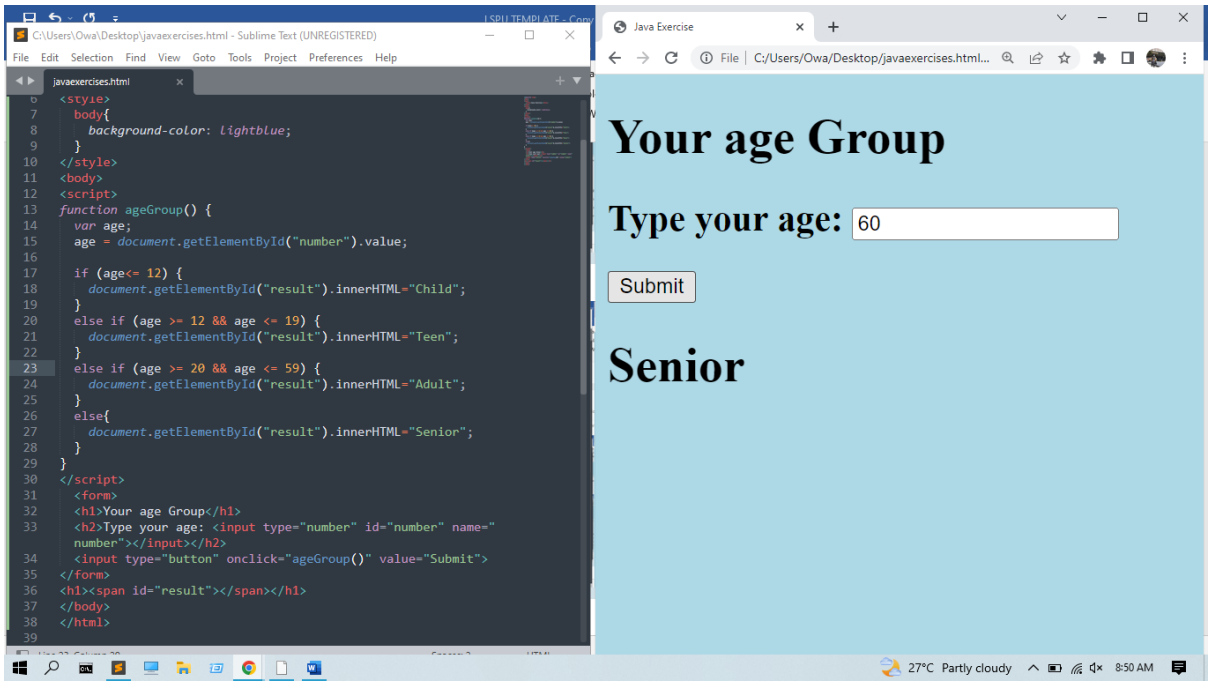
13-19/Teenage



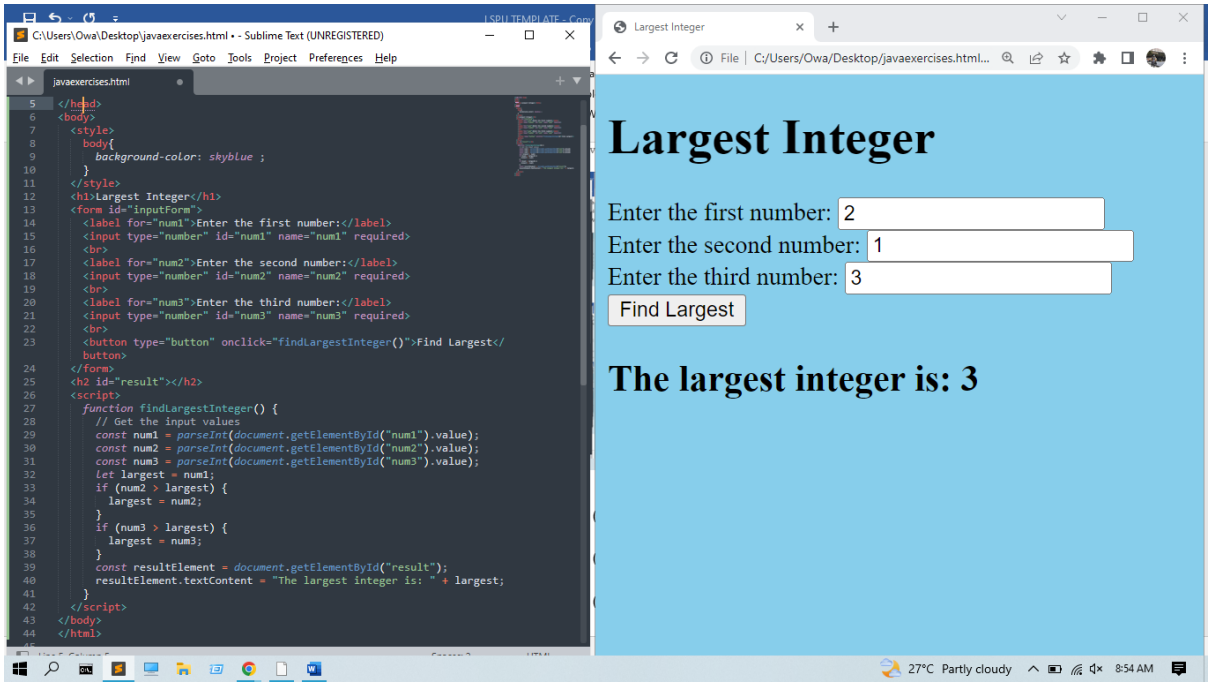
20-59/Adult



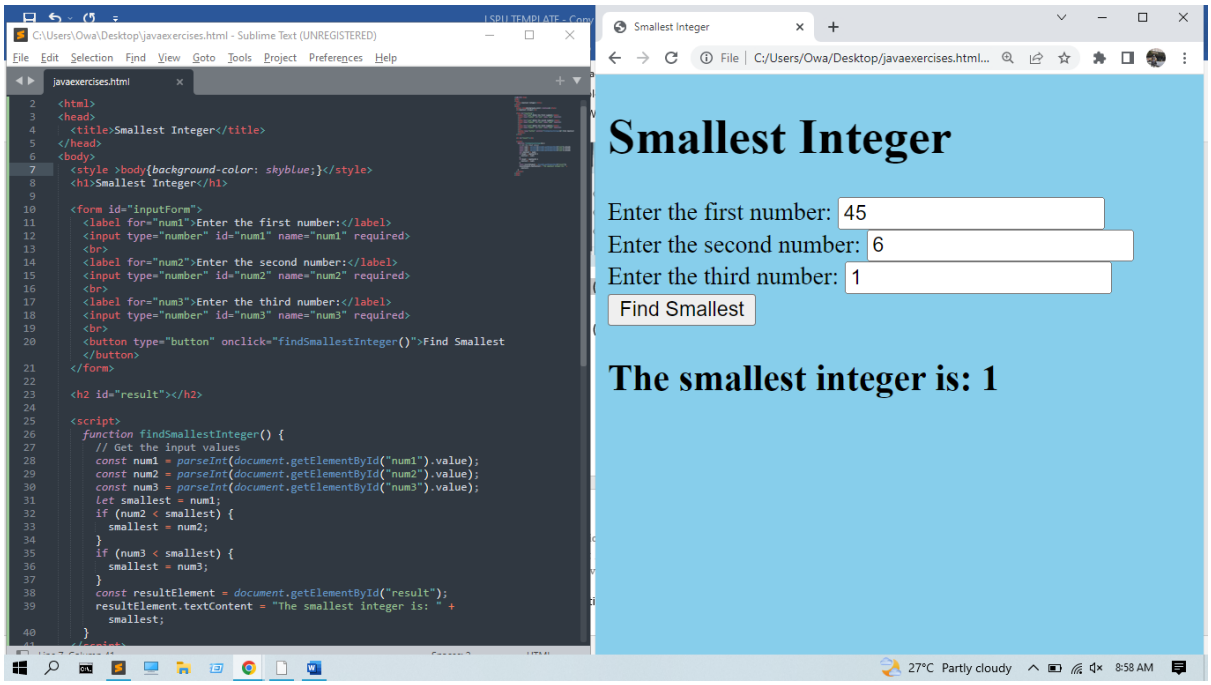
60 and Above/Senior Citizen



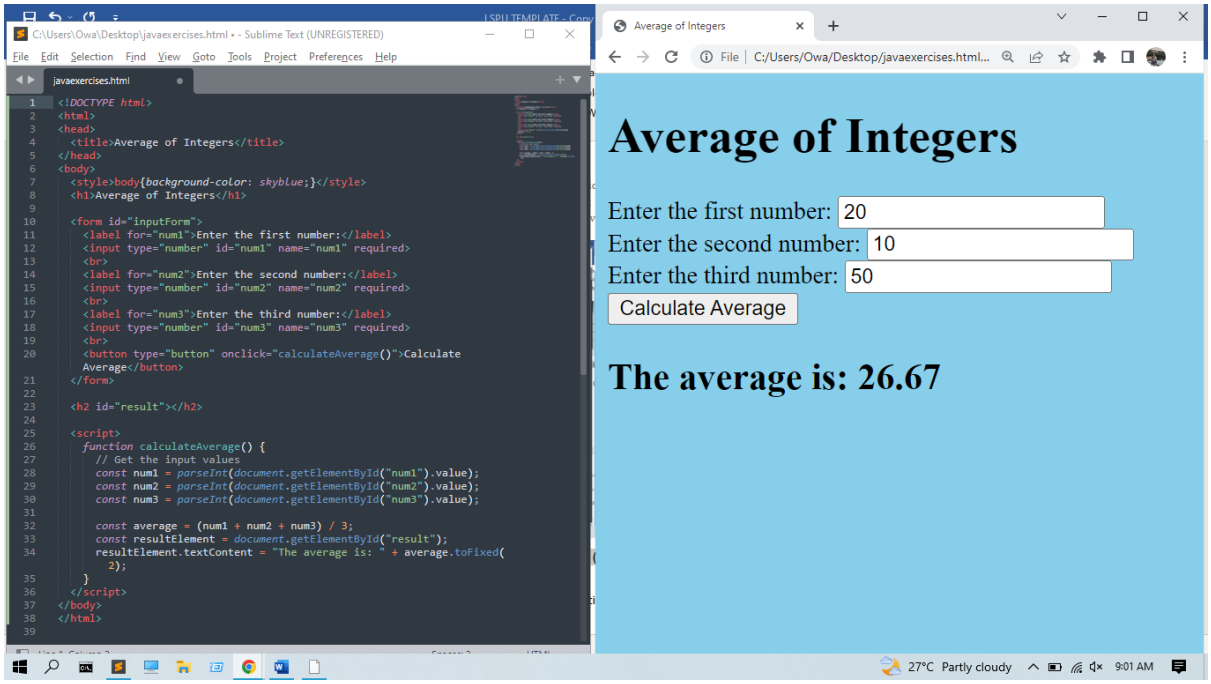
Exer #12: Create a JS program that accepts three (3) integers and tells which integer is the largest among the three inputs.



Exer #13: Create a JS program that accepts three (3) integers and tells which integer is the smallest among the three inputs.



Exer #14: Create a JS program that accepts three (3) integers. Find and display the average of the three (3) integers.



Exer #15: Create a JS program to generate a Multiplication Table Entered by the user. The output should display vertically.

Republic of the Philippines
Laguna State Polytechnic University
Province of Laguna