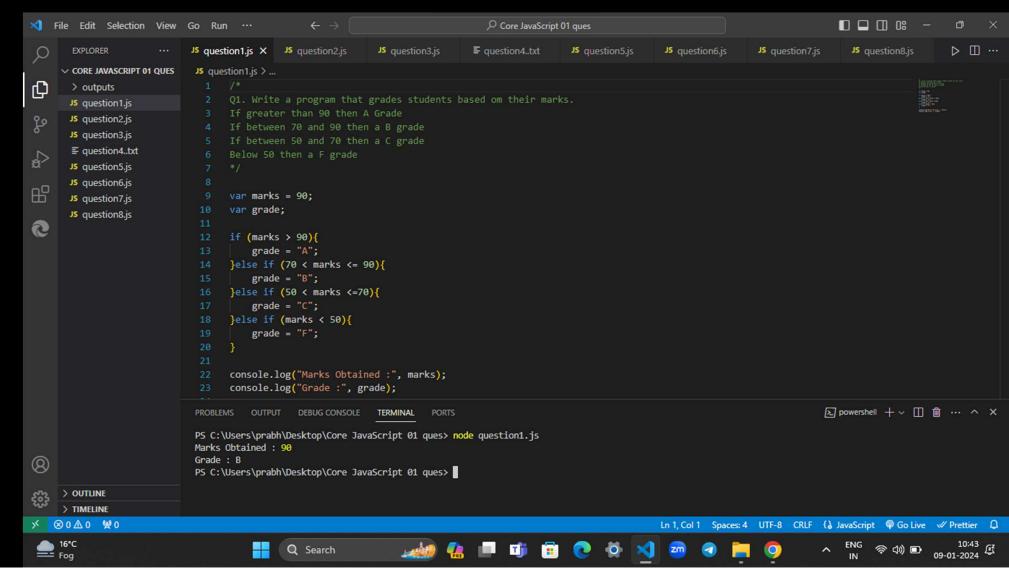
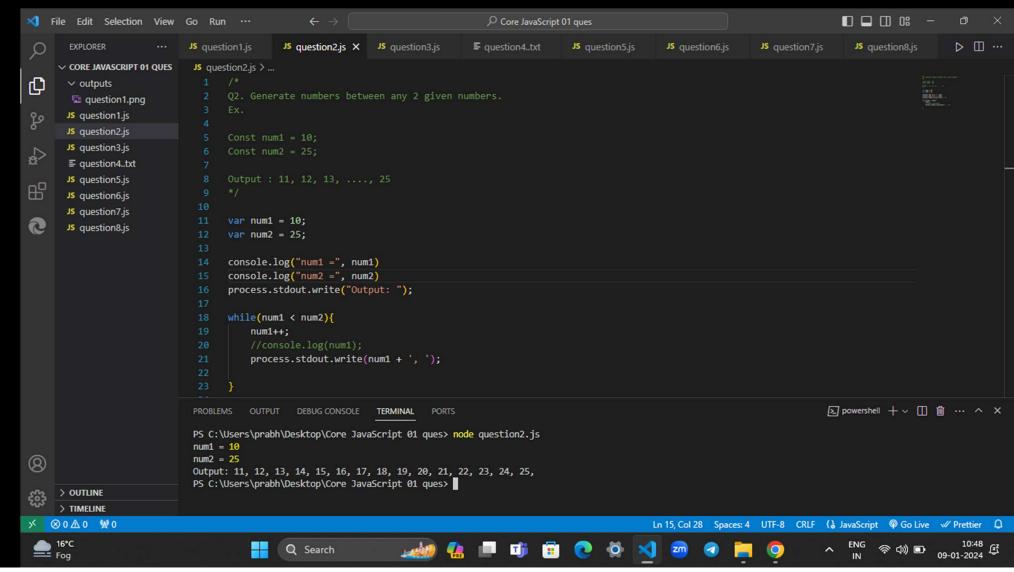
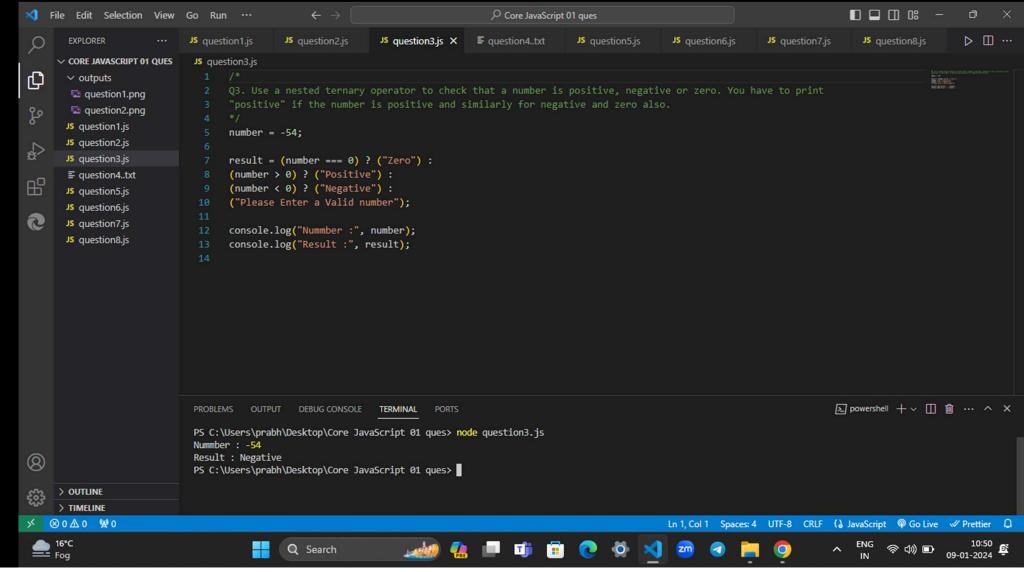
Question 1: Output



Question 2: Output

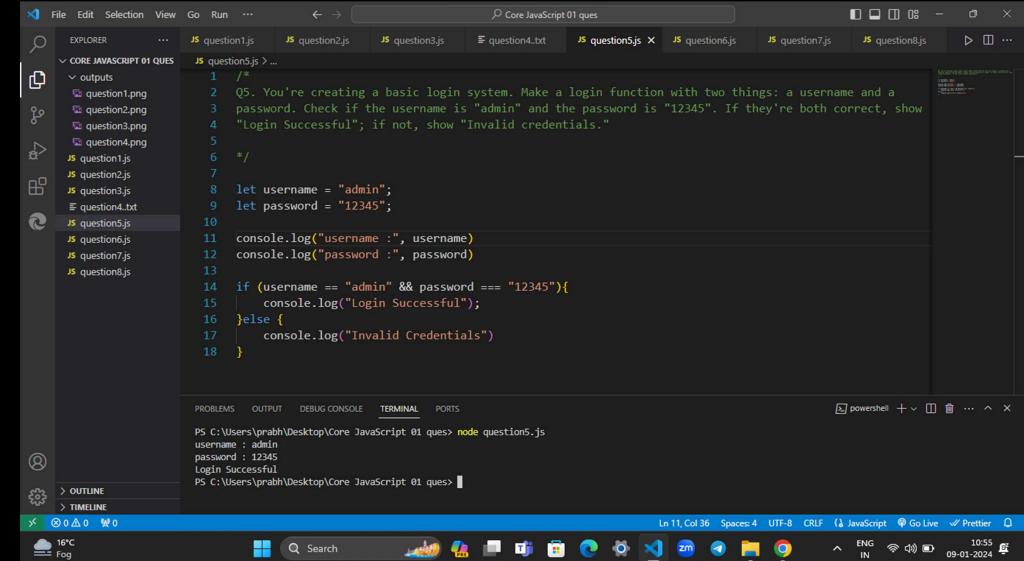


Question 3: Output

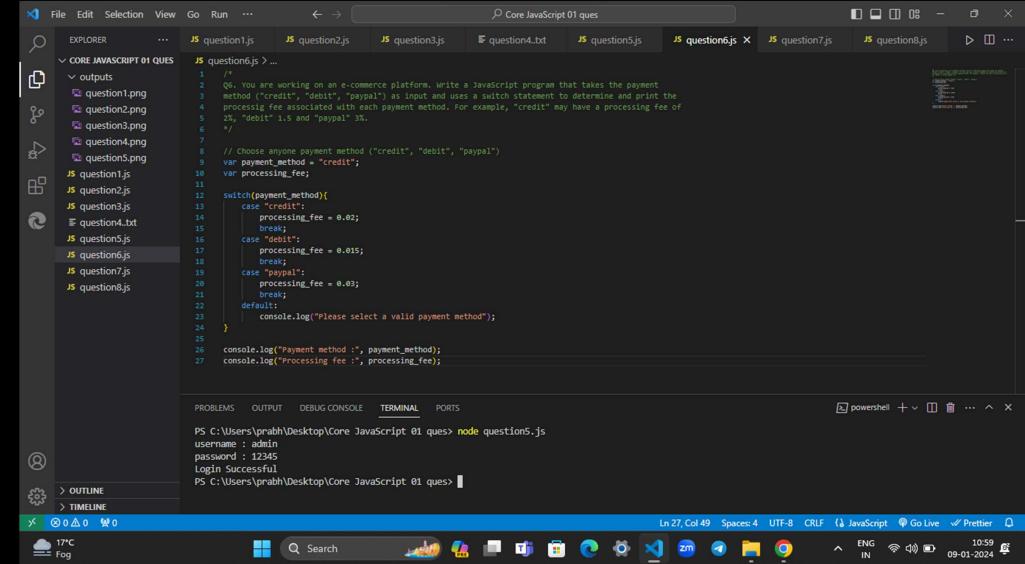


Question 4: Output XI File Edit Selection View Go Run … Core JavaScript 01 ques ▶ □ ··· JS question1.js JS question2.js JS question3.is ≡ question4..txt X Js question5.js JS question6.js JS guestion7.is JS question8.js Q **∨ CORE JAVASCRIPT 01 QUES** ≡ question4..txt **D** Q4. Describe the usage of the comma operator in JavaScript and provide an example. outputs Answer: question1.png question2.png The comma operator in JavaScript is used to combine multiple expressions into a single statement. question3.png JS question1.js It evaluates each expression from left to right and returns the value of the last expression. While it is less commonly used, it can be helpful in situations where you want to compactly express JS question2.js JS question3.js several operations within a single line of code. ≡ question4..txt JS question5.js One common use case is in the initialization and iteration parts of a for loop. Here's an example: JS question6.js JS question7.js for (let i = 0, j = 10; i < 5; i++, j--) { JS question8.js console.log(i, j); In this example: let i = 0, j = 10; initializes two variables (i and j) using the comma operator. i++ increments the value of i in each iteration. j -- decrements the value of j in each iteration. console.log(i, j); prints the values of i and j in each iteration. (2) > OUTLINE > TIMELINE × ⊗0∆0 ₩0 € 16°C Fog Q Search

Question 5: Output



Question 6: Output



Question 7: Output XI File Edit Selection View Go Run ··· Core JavaScript 01 ques ▶ III ··· **EXPLORER** JS question7.js X JS question8.js JS question1.js JS question2.js JS question3.js ≡ question4..txt JS question5.is JS question6.js ∨ CORE JAVASCRIPT 01 QUES JS question7.js > ... 中 ∨ outputs Q7. You are building a weather application. Write a JavaScript program that takes the current temperature question1.png as input and uses the conditional(ternary) operator to determine and print the weather condition. If the question2.png temperature is above 30*C, the condition is "Hot"; otherwise, it is "Moderate". question3.png question4.png question5.png var current temperature = 31; question6.png JS question1.js weather_condition = (current_temperature > 30) ? "Hot" : "Moderate"; JS question2.js JS question3.js console.log("Current temperature :", current_temperature); console.log("Weather condition :", weather_condition); ≡ question4..txt JS question5.js JS question6.js JS question7.js JS question8.js ≥ powershell + ∨ □ · · · · · × PROBLEMS DEBUG CONSOLE TERMINAL PS C:\Users\prabh\Desktop\Core JavaScript 01 ques> node question7.js Current temperature : 31 Weather condition : Hot (2) PS C:\Users\prabh\Desktop\Core JavaScript 01 ques> > OUTLINE > TIMELINE × ⊗0∆0 ₩0 Ln 1, Col 1 Spaces: 4 UTF-8 CRLF (∂ JavaScript P Go Live Prettier □ 17°C Fog Q Search

Question 8: Output 💢 File Edit Selection View Go Run … Core JavaScript 01 ques EXPLORER JS question2.js JS question3.js JS question8.js X ▶ III ···· JS question1.js ■ question4..txt JS question5.is JS question6.js JS question7.js Q ∨ CORE JAVASCRIPT 01 QUES JS question8.js > ... ✓ outputs You are creating a program to calculate the sum of numbers. Write a JavaScript program that takes a question1.png positive integer as input and uses a do-while loop to calculate and print the sum of all numbers from 1 to the question2.png question3.png question4.png question5.png var num = 10; question6.png var sum = 0;question7.png JS question1.js console.log("num :", num); JS question2.js process.stdout.write("Sum of all numbers from 1 to num = "); JS question3.js do{ ≡ question4..txt sum = sum + num; JS question5.js num--; JS question6.js JS question7.js while(num > 0); JS question8.js console.log(sum); ☑ powershell + ∨ Ⅲ 🛍 ··· ∧ × DEBUG CONSOLE **TERMINAL** PS C:\Users\prabh\Desktop\Core JavaScript 01 ques> node question8.js num : 10 Sum of all numbers from 1 to num = 55 (2) PS C:\Users\prabh\Desktop\Core JavaScript 01 ques> > OUTLINE > TIMELINE × ⊗0∆0 ₩0 17°C Fog Q Search