



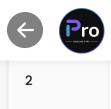
Answersheet

Name: Arashad Ahamad No. of questions attempted: 3 Submitted at: 2 Apr, 2025 12:55 PM

Assignment: Switch Case Total no. of questions: 3 Total marks: 15

Result: Not reviewed yet

l. No.	Question	Actions
	Step 1: Ask for the favorite color using the `prompt` and assign it in a variable ⇒ favColor. 5 marks	Marks
	Step 2: Write a print switch case statement between "red", "green" and "blue".	
	⇒ For "red" show "Red is a passionate color!"	
	⇒ For "blue" show "Blue is calming and serene."	
	⇒ For "green" show "Green symbolizes nature and growth."	
	Step 3: If the user had given any different input from these.	
	⇒ Then show favColor + " is also my favorite color".	
	Step 4: Make color comparison case insensitive. This means that even if for example, the user enters "Red" it should work fine.	
	const favColor = prompt('favorite color') switch (favColor.toLowerCase()) { case 'red': console.log('Red is a passionate color!') break case 'blue': console.log('Blue is calming and serene.') break case 'green': console.log('Green symbolizes nature and growth.') break default: console.log(`\${favColor} is also my favorite color`) }	



2	How do you use the switch-case statement in JavaScript, and what advantage does it offer over multiple if-else statements? The switch-case statement in JavaScript is used to compare a variable against multiple fixed variable and more readable than multiple if-else statements. Advantages Over if-else: 1. Faster Exercity matches the value, making it more efficient than multiple if-else conditions. 2. Better Readable is cleaner and easier to understand. 3. Best for Fixed Values – Works well when a variable to be compared against multiple fixed values (e.g., days, user roles, menu options).	ecution - adability	Marks
3	What is the use of break and default keyword in JavaScript? Use of break and default in JavaScript: 1. break Keyword: a. When a case matches, its code runs. execution, break stops further case execution and exits the switch. c. Prevents unwanted execution other cases (fall-through). 2. default Keyword: a. If no case matches, the default block runs. b. We the else statement in if-else.	on of	Marks