# JavaScript If-Else Logical Questions with Form Input

## Basic Questions

1. Age Checker  
 - Input: User enters their age.  
 - Logic:  
 - If age < 18 → show 'You are Minor'.  
 - If 18–59 → show 'You are Adult'.  
 - If 60+ → show 'You are Senior Citizen'.

2. Grade Calculator  
 - Input: User enters marks out of 100.  
 - Logic:  
 - 90–100 → 'Grade A'  
 - 75–89 → 'Grade B'  
 - 50–74 → 'Grade C'  
 - Below 50 → 'Fail'

3. Login Validation  
 - Input: User enters username and password.  
 - Logic:  
 - If username = 'admin' and password = '1234' → show 'Login Successful'.  
 - Else → show 'Invalid Credentials'.

4. Number Sign Checker  
 - Input: User enters a number.  
 - Logic:  
 - If number > 0 → 'Positive'.  
 - If number < 0 → 'Negative'.  
 - If number = 0 → 'Zero'.

5. Voting Eligibility  
 - Input: User enters age.  
 - Logic:  
 - If age ≥ 18 → 'Eligible to Vote'.  
 - Else → 'Not Eligible to Vote'.

## Tricky Questions

1. Leap Year Checker  
 - Input: User enters a year.  
 - Logic:  
 - If year is divisible by 400 → Leap Year.  
 - Else if divisible by 4 but not by 100 → Leap Year.  
 - Else → Not a Leap Year.

2. Largest of Three Numbers  
 - Input: User enters three numbers.  
 - Logic:  
 - Compare using if-else and show the largest number.

3. Simple Calculator  
 - Input: User enters two numbers and selects an operation (+, −, ×, ÷).  
 - Logic:  
 - Perform calculation using if-else.  
 - Show result.

4. Password Strength Checker  
 - Input: User enters a password.  
 - Logic:  
 - If length < 6 → 'Weak Password'.  
 - If length ≥ 6 and contains numbers → 'Medium'.  
 - If length ≥ 8 and contains special characters + numbers → 'Strong'.

5. Day of Week Finder  
 - Input: User enters a number (1–7).  
 - Logic:  
 - 1 → 'Sunday', 2 → 'Monday', … 7 → 'Saturday'.  
 - Else → 'Invalid Input'.