

10 Real-World Scenario-Based Java Practice Questions

1. Salary Calculation: Calculate an employee's total salary including allowances and tax deduction using arithmetic and assignment operations.
2. Mobile Recharge Balance Check: Determine plan validity based on recharge amount using comparison operations.
3. Ecommerce Discount System: Calculate final price after discounts using logical and comparison operators.
4. Temperature Alert System: Classify temperature conditions (Hot/Cold/Normal) using comparison operators.
5. Student Grade Updation: Update marks with bonus/penalty and determine pass/fail using assignment and comparison operators.
6. ATM Cash Withdrawal: Allow or deny withdrawal by checking balance and withdrawal limit using logical operators.
7. Water Bottle Temperature Status: Categorize water temperature using comparison operators.
8. Fitness App Step Goal: Update daily steps using `+=` operator and check goal achievement.
9. Online Exam Eligibility: Check if student meets attendance and assignment submission criteria using logical operators.
10. Speed Monitoring System: Classify vehicle speed and determine fines using comparison operators.