

50 Important If-Else Based Core Java Questions

1. Check if a number is positive or negative.
2. Check if a number is even or odd.
3. Check if a number is divisible by 5 and 11.
4. Find the largest of two numbers.
5. Find the largest of three numbers.
6. Check if a year is a leap year.
7. Check if a character is a vowel or consonant.
8. Check if a character is uppercase or lowercase.
9. Check if a character is an alphabet or not.
10. Check if a number is a multiple of 3 or 7.
11. Find the grade of a student based on marks.
12. Check if a number is positive, negative, or zero.
13. Check if a character is a digit, alphabet, or special symbol.
14. Check if a person is eligible to vote.
15. Compare two characters and print the greater one.
16. Find the greatest among four numbers.
17. Check if a number is a 3-digit number.
18. Check whether a number is within a range (e.g., 100-200).
19. Validate username and password (hardcoded check).
20. Check if a number is less than 100 or greater than 500.
21. Check if a string is equal to "Java".
22. Check if two strings are equal (case-insensitive).
23. Check if a string starts with a capital letter.
24. Check if a string is empty or not.
25. Compare length of two strings.
26. Check day name based on number (1-7).
27. Check month name based on number (1-12).
28. Check if a character is in 'A', 'E', 'I', 'O', 'U'.
29. Determine letter grade (A, B, C...) using marks.
30. Find type of triangle (Equilateral, Isosceles, Scalene).

31. Check if a given year is a century year.

32. Find absolute value of a number.

33. Check if a person is eligible for a loan (age & income).

34. Check pass/fail based on multiple subject marks.

35. Compare two numbers using ternary operator and if-else.

36. Calculate electricity bill using slab rates.

37. Calculate bonus based on years of service.

38. Calculate discount based on purchase amount.

39. Check if a shop is open based on time (24-hr format).

40. Determine if a bank account is in overdraft.

41. Check if a number is Armstrong (3-digit, no loop).

42. Check if a number is palindrome (3-digit, no loop).

43. Validate triangle angles.

44. Compare two float numbers up to 2 decimal places.

45. Check if a character is a hexadecimal digit.

46. Check login success (username + password).

47. Validate simple email format (e.g., contains '@').

48. Check eligibility for entrance exam (age, score).

49. Compare marks of three subjects and find topper.

50. Display salary bracket based on salary amount.