

Nested If Practice Questions

Easy (5 Questions)

1. Input a number and check if it is positive. If yes, check if it's even.
2. Input your age. If you're above 18, check if you're eligible for a driving license (age > 18 and less than 80).
3. Input a number and check if it is divisible by 2. If yes, check if it's also divisible by 4.
4. Input a temperature. If it's more than 30 degreesC, check if it's more than 40 degreesC and print 'Too Hot'.
5. Input a character. If it's an alphabet, check if it's a vowel or consonant.

Medium (10 Questions)

6. Input three numbers. If the first is greater than second, check if it's also greater than third.
7. Input your marks. If you passed (marks >= 40), check if you scored distinction (>=75).
8. Input a number. If it's positive, check if it's odd or even, else print 'Negative'.
9. Input two numbers and an operator (+, -, *, /). Use nested if to perform the operation.
10. Input a year. Check if it's divisible by 4. If yes, check if it's a leap year using leap year rules.
11. Input your gender and age. If gender is female and age > 50, print 'Senior Citizen Women'.
12. Input a day number (1-7). If it's 6 or 7, check if it's a holiday. Else print working day.
13. Input a number and check if it lies between 10 and 100. If yes, check if it is multiple of 5.
14. Input a student's score in 3 subjects. If all > 40, check if average > 60, then print 'Above Average'.
15. Input username and password. If both match the stored ones, check if the user is an admin or not.

Hard (15 Questions)

16. Input 3 angles. If their sum is 180, check if it's a right-angled triangle.
17. Input a number. If it's between 100 and 999, check if the sum of digits is even.

18. Input time in hours (24-hour format). If between 0-11, check if before 6 and print 'Very Early Morning'.
19. Input a number and check if it's prime. If yes, check if it's also a palindrome.
20. Input three sides of a triangle. If valid triangle, check if it's equilateral, isosceles, or scalene.
21. Take a number. If it's divisible by both 3 and 5, check if it's also less than 50.
22. Input a string. If it starts with a capital letter, check if it ends with a punctuation.
23. Input a date (dd, mm, yyyy). Check if it's a valid date, then check if it's a weekend.
24. Input income and age. If age < 60, check if income > 5L for tax. If > 60, check if income > 3L.
25. Input a password. If it's more than 8 chars, check if it contains a digit and a special character.
26. Input a sentence. If it has more than 5 words, check if any word is repeated.
27. Input a list of 5 numbers. If all are positive, check if they are in ascending order.
28. Input time (hour, minute). If valid time, check if it's AM or PM, and whether it's lunch/dinner time.
29. Input 4 subject marks. If none < 35, and avg > 50, check if any subject has full marks.
30. Input a year. If it's a leap year, check if the year is a century year.