Python Conditional Statements Practice

Questions 21 to 30

21. Check if the last digit of a number is even.

22. Input an integer and check if it is a 3-digit palindrome (like 121, 343).

23. Input a number and check if the sum of its digits is even.

24. Check if two strings are equal and have the same case (case-sensitive).

25. Check if a number is divisible by either 7 or 11 but not both.

26. Input two numbers and a symbol (+, -, *, /) and perform calculation based on the symbol.

27. Input age and gender, and check:

   - If female and age > 18 -> 'Eligible'

   - If male and age > 21 -> 'Eligible'

   - Else -> 'Not Eligible'

28. Input three side lengths, and check if they can form a triangle.

29. Input an alphabet and check if it is uppercase or lowercase.

30. Check if a character is a digit using conditional logic (without isdigit()).