1. **Even or Odd**: Write a program that takes an integer input from the user and checks if it's even or odd using an if statement.
2. **Positive, Negative, or Zero**: Ask the user to input a number, then use an if statement to determine if the number is positive, negative, or zero.
3. **Vowel or Consonant**: Take a single character as input and check if it is a vowel (a, e, i, o, u) or a consonant using an if statement.
4. **Leap Year Checker**: Write a program that checks if a given year is a leap year using an if statement (hint: A leap year is divisible by 4, but if divisible by 100, it should also be divisible by 400).
5. **Password Validator**: Create a program that asks the user for a password and checks if the entered password matches a predefined one (e.g., "abc123"). If the password matches, print "Access Granted," otherwise, print "Access Denied."
6. **Largest of Two Numbers**: Write a program that takes two numbers as input and uses if statements to determine which one is larger.
7. **Check Age for Voting**: Ask the user for their age and use an if statement to determine if they are eligible to vote (18 or older).
8. **Grade Checker**: Write a program that asks the user for a number between 0 and 100 and prints a grade (A, B, C, D, F) based on the input using if statements.
9. **Temperature Converter**: Ask the user to input a temperature in Celsius. Use an if statement to check if the temperature is below freezing (0°C), normal, or above boiling (100°C).
10. **Number Divisibility**: Write a program that asks the user to enter a number and checks if it's divisible by both 5 and 3 using if statements.
11. **Triangle Validity Checker**: Write a program that takes three side lengths as input and checks if they form a valid triangle (the sum of any two sides must be greater than the third side).
12. **Multiple Conditions**: Ask the user to input a number. Use if statements to print whether the number is "small" (less than 10), "medium" (between 10 and 20), or "large" (greater than 20).
13. **Number Sign Checker**: Take a number as input and use if statements to check if the number is positive, negative, or zero, but with nested if conditions to categorize large and small positive numbers.
14. **Odd-Even within a Range**: Write a program that takes a number as input and checks if it is odd or even, and then checks if it is within the range of 1 to 50. Print different messages based on the conditions.
15. **Simple Calculator**: Create a program that takes two numbers and a math operator (+, -, \*, /) from the user and uses if statements to perform the corresponding operation.
16. **Discount Checker**: Write a program that asks the user to input the total amount of a purchase. Use if statements to apply a discount based on the amount (e.g., 10% off for more than $100, 20% off for more than $200).
17. **Temperature Range**: Take a temperature as input and print "Cold" if the temperature is below 15°C, "Warm" if it’s between 15°C and 30°C, and "Hot" if it’s above 30°C.
18. **BMI Calculator**: Write a program that takes the user's weight and height as input and calculates their BMI. Use if statements to categorize the BMI into "Underweight," "Normal weight," "Overweight," or "Obese."
19. **Day of the Week**: Ask the user for a number between 1 and 7 and print the corresponding day of the week (1 = Monday, 2 = Tuesday, etc.) using if statements.
20. **String Comparison**: Write a program that takes two strings as input and uses if statements to check if they are the same length or if one is longer than the other.
21. **Login System**: Ask the user for a username and password. Use if statements to check if they match predefined values. If both are correct, print "Login Successful"; otherwise, print "Invalid Username or Password."
22. **Age Group Classification**: Ask the user for their age and classify them into "Child" (0-12), "Teenager" (13-19), "Adult" (20-64), or "Senior" (65+).
23. **Letter Grade to GPA**: Ask the user to input a letter grade (A, B, C, D, or F) and use if statements to print the corresponding GPA (e.g., A = 4.0, B = 3.0, etc.).
24. **Palindrome Checker**: Write a program that takes a string as input and uses if statements to check if it’s a palindrome (reads the same forward and backward).
25. **Weekday or Weekend**: Ask the user to input a number representing the day of the week (1 = Monday, 7 = Sunday), and use if statements to print whether it's a "Weekday" or "Weekend."