1. **Check if sum of two numbers is even or odd**
2. **Compare product of two numbers with a third number**
3. **Check if number is positive, negative or zero**
4. **Compare division and floor division results**
5. **Find largest of two numbers**
6. **Find smallest of three numbers**
7. **Check if one number is square of another**
8. **Check if a number is multiple of 3 or 5**
9. **Find maximum using if-else**
10. **Compare two numbers**
11. **Check if two strings are same (using ==)**
12. **Compare length of two strings**
13. **Check if a number is within a range**
14. **Check if two variables point to same object (is)**
15. **Check if value is not equal to zero**
16. **Check if one number lies between two others**
17. **Validate if a number is a 3-digit number**
18. **Check if two numbers are equal**
19. **Check if first number is greater than sum of other two**
20. **Check if number is positive and even**
21. **Check if number is divisible by both 2 and 5**
22. **Check if number is divisible by 3 or 7**
23. **Validate if the number is between 10 and 99**
24. **Compare three numbers and print smallest**
25. **Check if number is not divisible by 2 and 3**
26. **Check leap year**
27. **Validate two numbers are equal and positive**
28. **Bitwise AND of two numbers**
29. **Bitwise OR of two numbers**
30. **Bitwise XOR of two numbers**
31. **Left shift a number**
32. **Right shift a number**
33. **Swap numbers**
34. **Bitwise NOT of a number**
35. **Validate bitwise and result is even or odd**
36. **Use += to add value and check range**
37. **Use \*= to multiply and compare to threshold**
38. **Use -= to reduce and compare with another**
39. **Use %= to get the remainder and check it**
40. **Compound assignment with logical condition**
41. **Use multiple assignments and compare variables**
42. **Use //= for flooring**
43. **Use \*\*= and validate exponent value**
44. **Check if character is in string**
45. **Check if character is not in string**
46. **Compare two strings**
47. **Use in to search**
48. **Validate password contains @**
49. **Check if first character in vowels**
50. **Validate if number is in a list**
51. **Check membership before performing operation**
52. **Use not in to reject invalid chars**
53. **Validate code contains a digit**
54. **Compare two variables using is**
55. **Check if variable is None**
56. **Compare integer objects is not**
57. **Use is to compare two lists**
58. **Check if two variables are not same**
59. **Assign and compare identities**
60. **Validate if two strings are the same**
61. **Check if number is prime**
62. **Determine if triangle is valid with 3 sides**
63. **Use if-else to simulate calculator**
64. **Compare two averages**
65. **Find grade based on marks**
66. **Check if number is perfect square**
67. **Check if the sum of digits is even**
68. **Check for Armstrong number**
69. **Check if char is upper or lower**
70. **Validate char is alphabet or digit**
71. **Compare two characters**
72. **Check if first and last char of string are same**
73. **Validate input is vowel or consonant**
74. **Check if string contains both number and letter**
75. **Check if word is palindrome**
76. **Use slicing**
77. **Check if char is special character**
78. **Check if number is cube of another**
79. **Validate ticket eligibility by age**
80. **Find largest of four using if-else**
81. **Apply discount if amount > 1000**
82. **Decide bonus based on performance (grade)**
83. **Check if two dates are equal**
84. **Simulate simple traffic light logic using input color**