

50 Practice Questions: Basic Python Loops & If-Else

- 1 Write a program to check whether a number is positive, negative, or zero.
- 2 Write a program to check if a number is even or odd.
- 3 Write a program to find the greater of two numbers using if-else.
- 4 Write a program to find the greatest of three numbers.
- 5 Write a program to check whether a year is a leap year.
- 6 Write a program to check if a person is eligible to vote.
- 7 Write a program to check whether a number is divisible by 5.
- 8 Write a program to display 'Pass' or 'Fail' based on marks.
- 9 Write a program to check whether a character is a vowel or consonant.
- 10 Write a program to check whether a number is a single-digit or multi-digit number.
- 11 Write a program to print numbers from 1 to 10 using a for loop.
- 12 Write a program to print numbers from 10 to 1 using a while loop.
- 13 Write a program to print even numbers between 1 and 50.
- 14 Write a program to print odd numbers between 1 and 50.
- 15 Write a program to find the sum of first 10 natural numbers.
- 16 Write a program to find the sum of numbers entered by the user using a loop.
- 17 Write a program to print the multiplication table of a number.
- 18 Write a program to count digits in a number.
- 19 Write a program to find the factorial of a number.
- 20 Write a program to reverse a number using a loop.
- 21 Write a program to check whether a number is a palindrome.
- 22 Write a program to check whether a number is prime.
- 23 Write a program to print all prime numbers between 1 and 100.
- 24 Write a program to find the sum of digits of a number.
- 25 Write a program to find the largest digit in a number.
- 26 Write a program to print Fibonacci series up to n terms.
- 27 Write a program to print a right-angle triangle pattern using stars.
- 28 Write a program to print a square star pattern.
- 29 Write a program to print numbers in a triangle pattern.
- 30 Write a program to find the sum of even and odd numbers separately.
- 31 Write a program to check whether a number is divisible by both 3 and 7.
- 32 Write a program to display grades using if-elif-else.
- 33 Write a program to check whether a character is uppercase or lowercase.
- 34 Write a program to print all multiples of 5 up to 100.
- 35 Write a program to count vowels in a string.
- 36 Write a program to count consonants in a string.
- 37 Write a program to find the length of a string using a loop.
- 38 Write a program to reverse a string using a loop.
- 39 Write a program to check whether a string is a palindrome.
- 40 Write a program to print ASCII value of a character.
- 41 Write a program to print numbers divisible by 3 between 1 and 50.
- 42 Write a program to find the smallest of three numbers.
- 43 Write a program to print first n natural numbers.
- 44 Write a program to calculate the sum of squares of first n numbers.
- 45 Write a program to check whether a number is an Armstrong number.
- 46 Write a program to print all Armstrong numbers between 1 and 1000.
- 47 Write a program to calculate power of a number using a loop.
- 48 Write a program to display menu-based calculator using if-else.
- 49 Write a program to print all factors of a number.