

Tasks

Task 1: Check if a Number is Even or Odd

Write a program that:

- Takes an integer input.
 - Checks if the number is even or odd.
 - Prints the result.
-

Task 2: Print Numbers from 1 to 10

Write a program that:

- Uses a loop to print numbers from 1 to 10.
-

Task 3: Print Multiples of a Number

Write a program that:

- Takes an input number (e.g., 3).
 - Prints its multiples up to 30.
-

Task 4: Check if a Number is Prime

Write a program that:

- Takes an integer input.
 - Checks if the number is a prime number.
 - Prints the result.
-

Task 5: Calculate the Sum of Numbers

Write a program that:

- Calculates and prints the sum of all integers from 1 to 100.
-

Task 6: Find the Largest Number in an Array

Write a program that:

- Takes an array as input (e.g., [1, 5, 3, 9, 2]).
 - Finds and prints the largest number in the array.
-

Task 7: Count the Vowels in a String

Write a program that:

- Takes a string as input.
 - Counts the number of vowels (a, e, i, o, u) in the string (case insensitive).
 - Prints the count.
-

Task 8: Print a Star Pattern

Write a program that:

Prints a right-angled triangle pattern of stars, like this:

markdown

Copy code

★

★★

★★★

★★★★

★★★★★

•

Task 9: FizzBuzz

Write a program that:

- Prints numbers from 1 to 50.
 - For multiples of 3, print "Fizz".
 - For multiples of 5, print "Buzz".
 - For multiples of both, print "FizzBuzz".
-

Task 10: Reverse a String

Write a program that:

- Takes a string as input.
- Reverses the string using a loop.
- Prints the reversed string.