

IF-ELIF-ELSE STATEMENT EXAMPLES

Example 1: Write a program to check given no is positive. (Only if-statement)

Example 2: Write a program to check given no is positive or negative. (Only if-else statement)

Example 3: Write a program to check given no is positive, negative or Zero.(Only if-elif-else statement)

Example 4: Write a program to swap two variables without using third variable.

Example 5: Write a program to swap two variables using third variable.

Example 6: Write a program to swap two variables using Addition and Subtraction.

Example 9: Write a program to find square root of given no.

Example 10: Write a program to find largest no among the three inputs numbers.

Example 11: Write a program to find area of triangle. ($1/2 * \text{height} * \text{base}$)

Example 12: Write a program to find area of square.

Example 13: Write a program to find given year is leap year or not.

While-Loop EXAMPLES

Example 1: Write a program to display n natural numbers. (In Horizontal-1,2,3,4,5.....)

Example 2: Write a program to calculate the sum of numbers.

Example 3: Write a program to find even no. (2,4,6,8,...)

Example 4: Write a program find odd no.(1,3,5,7,9,.....)

Example 5: Write a program to find factorial of given no.

Example 6: Write a program to print your names ten times.

Example 7: Write a program to find how many vowels and consonants are present in strings.

Example 8: Write a program to add 5 in each elements in given list. [10,20,30,40,50]

Example 9: Write a program to add 5 in each elements in given tuple. (10,20,30,40,50)

Example 10: Write a program to create a list from given string.

FOR LOOP Examples

Example 1: Print the first 10 natural numbers using for loop.

Example 2: Python program to print all the even numbers within the given range.

Example 3: Python program to calculate the sum of all numbers from 1 to a given number.

Example 4: Python program to calculate the sum of all the odd numbers within the given range.

Example 5: Python program to print a multiplication table of a given number

Example 6: Python program to display numbers from a list using a for loop.

Example 7: Python program to count the total number of digits in a number.

Example 8: `.(madam=madam)`

Example 9: Python program that accepts a word from the user and reverses it.

Example 10: Python program to check if a given number is an Armstrong number.
($153 = 1^3 + 5^3 + 3^3$)

Example 11: Python program to count the number of even and odd numbers from a series of numbers.

Example 12: Python program to display all numbers within a range except the prime numbers.

Example 13: Python program to get the Fibonacci series. (0,1,1,2,3,5,8,13,21.....)

Example 14: Python program to find the factorial of a given number.

Example 15: Python program that accepts a string and calculates the number of digits and letters.

Example 16: Write a Python program that iterates the integers from 1 to 25.

Example 17: Python program to check the validity of password input by users.

Example 18: Python program to convert the month name to a number of days.