

Assignment for Conditions and Loops

1. Write a C program to check maximum and minimum number. The numbers should be entered by user.
2. Write a C program to find out maximum number out of 3 numbers entered by user.
3. Take month number from user and print how many days are there in that month by using switch statements.
4. Write a C program that calculates the sum of the first n positive integers using a for loop. The value of n should be input by the user.
5. Write a C program to compute the factorial of a given positive integer using a for loop.
6. Write a C program that prints the Fibonacci sequence up to n terms using a while loop. The value of n should be provided by the user.
7. Write a C program that reverses a given integer using a do-while loop.
8. Write a C program to print the multiplication table for a number up to 10 using nested for loops. The number should be input by the user.
9. Write a C program that prints a right-angled triangle pattern of stars (*) with n rows using nested for loops. The number of rows n should be provided by the user.
10. Write a C program to input data like: num1, num2 and arithmetic operation from user and perform the task.
11. Write a menu driven program to perform basic arithmetic operations.
Menu options – 0 to Exit, 1 to Add, 2 to Subtract, 3 to Multiply, 4 to Divide.
Depending upon the choice entered by user the arithmetic operations should be performed and continue till user wants.