

SN	Questions	Checked by
1	Write a C program to print your name, date of birth and mobile number using printf() and puts() functions.	
2	Write a C program to display size in bytes of different data types using sizeof() operator.	
3	Write algorithm, flow-chart and program to compute the area and circumference of a circle with given radius r as input defining π as constant (Note: Area= πr^2)	
4	Write a C program to convert specified no of days into years, weeks and days. (Note: Ignore leap year.)	
5	Write an algorithm and C program that accepts two integers from the user as input and calculates the sum, difference, product, quotient and remainder applying different arithmetic operators between two integers.	
6	Write a C program to convert a given integer (in seconds) to hours, minutes and seconds.	
7	Write a C program that accepts principle, rate of interest, time in years and computes the simple interest.	
8	Write algorithm pseudo-code as well as draw flow chart to Compute the roots of the quadratic equation $ax^2+bx+c=0$ for given coefficient input a, b and c. Write C program.	
9	Write a C program to check a given integer is positive even, negative even, positive odd or negative odd.	
10	Draw a flow chart and write a C program that accepts three integers as input and find the largest of three.	
11	Write a program that takes input of two numbers and an operator in (+, -, *, /) as input and pass those numbers and an operator to the function. The function should calculate the result of two numbers as indicated by operator and return the result. Display the result of computation in your program.	
12	Write a program to determine whether a given number is palindrome or not.	
13	Write a program to determine whether a given number is Armstrong number or not.	
14	Write a C program to find the eligibility of admission for a professional course based on the following criteria: Marks in Maths ≥ 65 Marks in Phy ≥ 55 Marks in Chem ≥ 50 And Total in all three subject ≥ 180 or Total in Math and physics Subjects ≥ 130	
15	Write a C program to find the sum of first 100 natural numbers using loop.	
16	Write a program in C to display the multiplication table of a given integer.	

17	Write an algorithm/ program to print the prime numbers up to 100.	
18	Write algorithm and program to compute the followings using for, do while and while loop separately. a. factorial of an integer N b. computation of a^b (a raised to power b)	
19	Write a program in C to make such a pattern of astrisk(*) below using loop. <pre> * * * * * * * * * * up to n lines where n is an integers </pre>	
20	Write a program using loop to print the following floyd's triangle as given below when input is n. <pre> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 up to n rows </pre>	
21	Write a program in C to make such a pattern like a pyramid with numbers increased by 1. <pre> 1 2 3 4 5 6 7 8 9 10 </pre>	
22	Write a program in C to make such a pattern like a pyramid with an asterisk. <pre> * * * * * * * * * * </pre>	