

SL.NO.	LIST OF PRACTICALS	EXPECTED DATE OF COMPLETION	
1	<b>Operating System Commands</b>	07-Jul	
	<b>If..Else</b>		
2	To Find Find the Largest Number Among Three Numbers	12-Jul	
3	To check whether the triangle is equilateral, isosceles or scalene triangle.	17-Jul	
4	program to input week number and print week day.		
5	To check if the given number is even or odd.	22-Jul	
6	program to find all roots of a quadratic equation.		
7	To find the grade of a student from his/her marks using if statements.	27-Jul	
8	Temperature converter.(Celsius to Fahrenheit and vice versa)	01-Aug	
9			
10	To check if the given input is a number, character or a special character.	06-Aug	
11	Write a C program to input basic salary of an employee and calculate its Gross salary according to following: Basic Salary <= 10000 : HRA = 20%, DA = 80% Basic Salary <= 20000 : HRA = 25%, DA = 90% Basic Salary > 20000 : HRA = 30%, DA = 95%		
	<b>Flow Of Control ( Switch Case ) :</b>		
12	Arithmetic Calculator.	11-Aug	
13	Day Of the week.	16-Aug	
	<b>Flow Of Control ( For Loop ) :</b>		
14	To print 'n' natural numbers.	26-Aug	
15	To print 'n' Even numbers.	31-Aug	
16	To print 'n' odd numbers.	05-Sep	
17	HCF of two numbers.	10-Sep	
18	Print Fibonacci Series.	15-Sep	
19	To find the sum of 'n' odd numbers.	20-Sep	
20	program to enter any number and print it in words.		
21	program to print all ASCII character with their values.		
22	To find the factorial of a number.	25-Sep	
23	<b>Flow Of Control ( While Loop ) :</b>		
24	Print Armstrong Number series	05-Oct	
25	Print prime numbers	10-Oct	
26	Sum of individual digits of a number.	15-Oct	
27	Binary to Decimal	20-Oct	
28	Decimal to Binary.	25-Oct	
29	Check for Prime number.	30-Oct	
30	Check for Automorphic Number.	04-Nov	
31	Program to find frequency of each digit in a given integer.	09-Nov	
32	Check for Harshad Number.		
33	Check for perfect Number.		
34	Check for Krishnamurthy number.		
35	Check for Perfect Number/Armstrong Number Series	14-Nov	
36	<b>Nested Loops :</b>		
	Write a menu based c++ program using functions to print the following pyramids:		
	<pre> 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5 </pre>	<pre> 5 4 3 2 1 5 4 3 2 5 4 3 5 4 5 </pre>	24-Nov
	<pre> * ** *** **** ***** </pre>	<pre> * *** ***** ***** ***** </pre>	
	SEPARATE PRACTICAL LIST FOR PATTERN PRINTING		

37	Write a C++ program to print the pyramid  <pre>       1      1 2     1 2 3 </pre>	01-Dec
38	Write a C++ program to print Pascal's Triangle.	03-Dec
<b>Library Functions</b>		
39	Write a C++ program to check whether an input character is Alphabet, numeric or special character.	07-Dec
40	Write a C++ program to change the case of a character from lower case to upper case and vice-versa.	09-Dec
<b>User Defined Functions</b>		
41	Print the series of factorials of natural numbers up to n.	12-Dec
42	Print the series of Prime numbers up to n.	15-Dec
43	Print the series of Armstrong numbers up to n.	18-Dec
<b>Arrays</b>		
44	Maximum and minimum of an integer array.	24-Dec
45	Sum of the elements of an integer array.	27-Dec
46	Program to count frequency of each element in an array.	
47	Program to count total number of duplicate elements in an array.	
48	program to delete an element from an array at specified position.	
49	Reversing the integer array.	30-Dec
<b>Array of Characters (Strings)</b>		
50	Reverse of a String.	05-Jan
51	program to find highest and lowest frequency character in a string	
52	program to count frequency of each character in a string.	
53	Check for Palindrome.	08-Jan
54	Conversion to sentence case.	11-Jan
55	program to remove all extra blank spaces from a given string.	
56	Word Count of a string.	14-Jan
<b>2 D Array of Integers</b>		
57	Print the diagonals of a 2D integer array.	20-Jan
58	Print the upper half of a 2D integer array	23-Jan
59	Print the lower half of a 2D integer array	26-Jan
60	Print the row-sum	29-Jan
61	Print the Column Sum	01-Feb
62	Column Swap	
63	Row swap	04-Feb
64	program to check Identity matrix.	
65	program to interchange diagonals of a matrix.	
66	program to check Symmetric matrix	
67	program to check Sparse matrix.	
		07-Feb
<b>Array of Strings</b>		
68	Write a C++ program to find the largest string from an array of strings.	13-Feb
<b>Structures</b>		
69	Write a menu base c++ application to do the following: To create a Structure named student with rollno, name, dob(dd-mm-yyyy) and marks. To Accept the data for array of structures (n elements). To print the data for all the elements in an organized way.	19-Feb
70	To display the student details with highest marks.	22-Feb