1	Ol	PERATORS AND EVALUATION OF EXPRESSIONS	YES	-	-
		Write a program that works as a calculator (addition,			
		multiplication, division, subtraction).			
	2.	Write a program to find area of triangle(a=h*b*.5)			
		a = area, h=height, b=base			
	3	Write a program to calculate simple interest ($i = (p*r*n)/100$			
	0.)			
		Simple interest where p = Principal amount r = Rate of interest			
		n = Number of years			
	4.	Write a C program to interchange two numbers with and without using third variable.			
	5.	Write a program to display the size of every data type using			
		"sizeof" operator.			
	6.	Write a C program to enter a distance in to kilometer and			
		convert it in to meter, feet, inches and centimeter			
	7.	Write a program to compute Fahrenheit from centigrade			
		(f=1.8*c+32)			
	8.	Write a program to illustrate the use of unary prefix and			
		postfix increment and decrement operators.			
2	De	ecision Making	YES	-	-
	1.	Write a C program to find that the accepted number is			
		Negative or Positive or Zero.			
	2.	Write a program to read marks of a student from keyboard whether the student is pass or fail (using if else)			
	3.	Write a program to read three numbers from the keyboard and find out the maximum out of these three. (Nested if else). Write a C program to check whether the entered character is capital, small letter, digit or any special character.			
	4.	Write a program to read marks from keyboard and your program should display equivalent grade according to following table(if else ladder)			
		Marks Grade			
		100 - 80 Distinction			
		79 - 60 First Class			
		59 - 40 Second Class			
		< 40 Fail			
	5.	Write a C program to prepare payslips using the following data. Da = 10% of basic, Hra = 7.50% of basic, Ma = 300, Pf = 12.50% of basic, Gross = basic + Da + Hra + Ma, Nt =			
	_	Gross - Pf. Write a C program to read no 1 to 7 and print relatively day			
	o.	Write a C program to read no 1 to 7 and print relatively day			
	_	Sunday to Saturday.			
		Write a C program to find out the Maximum and Minimum number from given 10 numbers			
	8.	Write a C program to input an integer number and check if the last digit of the number is even or odd.			
	1				

3	Looping					YES	-	-
	1. Write a C program to find the factorial of a given number.				r.			
	2. Write a program to reverse a number.							
	3. Write a program to generate first <i>n</i> number of Fibonacci				nacci			
	series 4. Write a program to find out the sum of the first and last digi							
					digit			
	of a given number.				aigit			
	5. Write a C program		rum and awar	rage of diff	oront			
	numbers which a		-					
	6. Write a program	i to check wh	iether the g	iven num	bei is			
	prime or not		1	.1				
	7. Write a program to evaluate the series 1^2+2^2+3^2++n^2				series			
	8. Write a C progran	n to find 1+1/2	+1/3+1/4+1	/n.				
	9. Write a program	to print followi	ng patterns :					
	*	*	****					
	**	* *	****					
	***	* * *	***					
	****	* * * *	**					
	****	* * * *	*					
	10. Write a program to							
		12345 555		1				
		1234 444		22				
		123 333		333				
	_	22		4444				
4	12345 1	<u> </u>		55555		YES	_	_
7	Arrays & Strings	s to wood and at	owa tha wall w		dea of	120	_	_
	1. Write a C program		ore the roll i	io and mai	KS OI			
	20 students using an array.2. Write a program to find out which number is even or odd				· odd			
	from list of 10 num			is even or	ouu			
	3. Write a program to find the maximum element from a one-				one-			
	Dimensional array.							
	4. Write a Program to Search an element in array.							
	5. Write a Program to perform addition of all elements in Array.				rrav.			
	6. Write a Program to reverse the array elements in C							
	Programming.							
	7. Write a Program for deletion of an element from the specified location from Array.							
	8. Write a program to find a character from a given string.							
	9. Write a program to replace a character in a given string.							
	10. Write a program to delete a character in a given string.							
	11. Write a program to reverse string.							
	12. Write a program to reverse string.							
	12. write a program to convert string into upper case							

5	Functions	YES	-	-
	1. Write a program that defines a function to add first n			
	numbers.			
	2. Write a function in the program to return 1 if number is			
	prime otherwise return 0			
	3. Write a function Exchange to interchange the values of two			
	variables, say x and y illustrates the use of this function in a			
	calling function.			
	4. Write a C program to check whether a number is prime,			
	Armstrong or perfect number using functions.			
	5. Write a program to find the factorial of a number using			
	recursion.			
	6. Write a program to calculate sum of first 20 natural numbers			
	using recursive function.			
	7. Write a program to generate Fibonacci series using recursive			
	function.			
	8. Write a program to find sum of digits of the number using			
	Recursive Function. 9. Write a function that will scan a character string passed as			
	an argument and convert all lowercase character into their			
	uppercase equivalents			
6	Pointers	YES	-	-
	1. Write a program to print the address of a variable using a			
	pointer.			
	2. Write a C program to swap the two values using pointers.			
	3. Write a C program to print the address of a character and the			
	character of string using a pointer.			
	4. Write a program to add two numbers using pointers.			
	5. Write a program to input and print array elements using			
	pointer.			
	6. Write a program to copy one array to another using pointer.			
	7. Write a program to swap two arrays using pointers.			
	8. Write a program to access elements using a pointer.			
	9. Write a program for sorting using a pointer.			
7	Structures	YES	-	-
	1. Write a program to read structure elements from the			
	keyboard.			
	2. Design a structure student_record to contain name, branch			
	and total marks obtained. Develop a program to read data for			
	10 students in a class and print them.			
	3. Write a program to add two distances in feet and inches using structure			
	4. Write a program to read and print an Employee's Details using			
	Structure.			
	5. Write a program to declare, initialize an UNION.			

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File Handling in C		-	-
1. Write a program to write a string in file			
2. A file named data contains a series of integer numbers. Write			
a c program to read all numbers from a file and then write all			
• •			
O			
•			
5. C Program to copy contents of one file to another file			
6. C Program to merge contents of two files into a third file			
Graphics Functions :	YES	-	-
1. Write a Program to draw a point, arc, line, and circle.			
2. Write a Program to draw a rectangles and polygons.			
3. Write a Program to fill polygons.			
OEP	YES	-	-
	 Write a program to write a string in file A file named data contains a series of integer numbers. Write a c program to read all numbers from a file and then write all odd numbers into a file named "odd" and write all even numbers into a file named "even". Display all the contents of these file on screen C Program to count number of lines in a file C Program to print contents of file C Program to copy contents of one file to another file C Program to merge contents of two files into a third file Graphics Functions: Write a Program to draw a point, arc, line, and circle. Write a Program to draw a rectangles and polygons. Write a Program to fill polygons. 	 Write a program to write a string in file A file named data contains a series of integer numbers. Write a c program to read all numbers from a file and then write all odd numbers into a file named "odd" and write all even numbers into a file named "even". Display all the contents of these file on screen C Program to count number of lines in a file C Program to print contents of file C Program to copy contents of one file to another file C Program to merge contents of two files into a third file Graphics Functions: Write a Program to draw a point, arc, line, and circle. Write a Program to fill polygons. 	1. Write a program to write a string in file 2. A file named data contains a series of integer numbers. Write a c program to read all numbers from a file and then write all odd numbers into a file named "odd" and write all even numbers into a file named "even". Display all the contents of these file on screen 3. C Program to count number of lines in a file 4. C Program to print contents of file 5. C Program to copy contents of one file to another file 6. C Program to merge contents of two files into a third file Graphics Functions: 1. Write a Program to draw a point, arc, line, and circle. 2. Write a Program to draw a rectangles and polygons. 3. Write a Program to fill polygons.