

DSL Experiment List (Part A)

Prog_id	Program details	File Name
1	Write a C program to check if a given number is Fibonacci number	p1-fibonacci.c
2	Write a C program to generate Pascal Triangle using array.	p2-Pascaltriangle.c
3	Write a C program to roll_no, name , percentage of 5 students using array of structure and display the records in ascending order of roll list.	p3-Ascending.c
4	Write a C program to roll_no, name , percentage of 5 students using array of structure and display the records in descending order of percentage.	p4-Descending.c
5	Write a C program to find largest element in an array	p5-Largest.c
6	Write a menu driven program to perform the following operations in an <i>ARRAY</i> 1. INSERT 2. DELETE 3. TRAVERSE 4. SEARCH	array1.c
7	Define a structure data type called time_struct containing 3 members int hour, int minute and int second. Write functions that accept the structure to perform the following operations: 1. Input new time 2. Display the time 3. Update the time such that the function accepts the time_struct and increments the time by one second.(If the increment results in 60 seconds, the then second member is set to 0 and the minute is incremented by 1. Then, if the result is 60 minutes, the minute member is set to 0 and the hour member is incremented by 1. Finally when the hour becomes 24, it is set to zero.)	time.c
8	Write a function that compares two arrays and returns 1 if they are identical and 0	array_ops.c

	otherwise.	
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