

MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH & STUDIES

(Deemed to be University under section 3 of the UGC Act 1956) NAAC 'A' Grade University



Department of Computer Science and Engineering, FET

List of Experiments (Jan-June 2023) PPS LAB (BCS-151A)

SI. No	Name of the experiments
1	WAP in C to print the Hello World with your details
2	WAP in C to add two numbers
3	WAP in C to find area and perimeter of a circle
4	WAP in C to convert Fahrenheit to Celsius and vice-versa
5	WAP in C to find the largest number among given three numbers
6	WAP in C to create a simple calculator (+, -, *, /) using switch case
7	WAP in C to find the factorial of given number
8	WAP in C to check a given number is prime or not
9	WAP in C to print all prime numbers between a range
10	WAP in C to convert decimal to binary
11	WAP in C to convert binary to decimal
12	WAP in C to print Fibonacci series
13	WAP in C to print pattern pyramid like:
	*
	* * *
	* * * *
	* * * *
	* * * * *
14	WAP in C to print pattern pyramid like:
	*

15	WAP in C to print pattern pyramid like:
	1
	232
	34543
	4567654
	567898765
16	WAP in C to print pattern pyramid like:
	1
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	1 5 10 10 5 1
17	WAP in C to print pattern pyramid like:

	*
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18 WAP in C to swap two numbers by various methods 19 WAP in C to check a given number is palindrome or not 20 WAP in C to find the sum of different series 21 WAP in C to add two matrices 22 WAP in C to multiply two matrices 23 WAP in C to transpose a matrix 24 WAP in C to find the sum of diagonal elements 25 WAP in C to print the upper and lower triangle of a given matrix 26 WAP in C by using function for above sl.no 7 27 WAP in C by using function for above sl.no 8 28 WAP in C by using function for above sl.no 9 29 WAP in C by using function for above sl.no 9 29 WAP in C to find factorial using recursion 31 WAP in C to print Fibonacci series using recursion 32 WAP in C to find LCM and GCD using recursion 33 WAP in C to find two maximum and two minimum of an array 34 WAP in C to count the no. of characters and no. of words of a string without using library functions 36 WAP in C to copy a string to another without using library functions 37 WAP in C to create a student structure and access members 38 WAP in C to create a student structure and take 50 employees records and print them and find the particular field 39 WAP in C to apply binary search using iterative 40 WAP in C to apply binary search using iterative 41 WAP in C to implement bubble sort 43 WAP in C to implement selection sort 44 WAP in C to implement insertion sort 45 WAP in C to create a FILE 46 WAP in C to copy the content of one FILE into another FILE 47 WAP in C to opy the content of one FILE into another FILE 48 WAP in C to opply concept of pointers 50 WAP in C to implement dynamic memory allocations		
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21 WAP in C to add two matrices 22 WAP in C to multiply two matrices 23 WAP in C to transpose a matrix 24 WAP in C to find the sum of diagonal elements 25 WAP in C to print the upper and lower triangle of a given matrix 26 WAP in C by using function for above sl.no 7 27 WAP in C by using function for above sl.no 8 28 WAP in C by using function for above sl.no 9 29 WAP in C by using function for above sl.no 17 30 WAP in C to find factorial using recursion 31 WAP in C to print Fibonacci series using recursion 32 WAP in C to find LCM and GCD using recursion 33 WAP in C to find two maximum and two minimum of an array 34 WAP in C for string library functions 35 WAP in C to count the no. of characters and no. of words of a string without using library functions 36 WAP in C to create a student structure and access members 38 WAP in C to create a nemployee structure and take 50 employees records and print them and find the particular field 39 WAP in C to apply binary search using iterative 40 WAP in C to apply binary search using recursive 41 WAP in C to implement bubble sort 42 WAP in C to implement selection sort 43 WAP in C to implement insertion sort 44 WAP in C to implement insertion sort 45 WAP in C to copy the content of one FILE into another FILE 46 WAP in C to opply concept of pointers	19	WAP in C to check a given number is palindrome or not
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31 WAP in C to print Fibonacci series using recursion 32 WAP in C to find LCM and GCD using recursion 33 WAP in C to find two maximum and two minimum of an array 34 WAP in C for string library functions 35 WAP in C to count the no. of characters and no. of words of a string without using library functions 36 WAP in C to copy a string to another without using library functions 37 WAP in C to create a student structure and access members 38 WAP in C to create an employee structure and take 50 employees records and print them and find the particular field 39 WAP in C to apply linear search 40 WAP in C to apply binary search using iterative 41 WAP in C to apply binary search using recursive 42 WAP in C to implement bubble sort 43 WAP in C to implement selection sort 44 WAP in C to implement insertion sort 45 WAP in C to create a FILE 46 WAP in C to copy the content of one FILE into another FILE 47 WAP in C to find the even and odd numbers from a given FILE 48 WAP in C to apply concept of pointers		WAP in C by using function for above sl.no 17
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without using library functions WAP in C to copy a string to another without using library functions WAP in C to create a student structure and access members WAP in C to create an employee structure and take 50 employees records and print them and find the particular field WAP in C to apply linear search WAP in C to apply binary search using iterative WAP in C to apply binary search using recursive WAP in C to implement bubble sort WAP in C to implement selection sort WAP in C to implement insertion sort WAP in C to create a FILE WAP in C to copy the content of one FILE into another FILE WAP in C to find the even and odd numbers from a given FILE WAP in C to count the no. of words, characters and lines in a FILE WAP in C to apply concept of pointers	34	
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49 WAP in C to apply concept of pointers		
		WAP in C to count the no. of words, characters and lines in a FILE
50 WAP in C to implement dynamic memory allocations		
	50	WAP in C to implement dynamic memory allocations