

COLLEGE OF ENGINEERING CHENGANNUR

(Managed by IHRD, A Govt of Kerala Undertaking)
Chengannur, Alappuzha Dist. PIN: 689121



20MCA131 PROGRAMMING LAB

LAB RECORD

DEPARTMENT OF COMPUTER ENGINEERING

COLLEGE OF ENGINEERING CHENGANNUR

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20MCA131 PROGRAMMING LAB

Name:

Branch:

Semester: Roll No.:

CERTIFIED BONAFIDE RECORD WORK DONE BY

Reg. No.:

STAFF IN CHARGE

External Examiner

Internal Examiner

SL. No.	Name of the Program	Date	Page No.	Teacher's Sign/ Remarks
Lab Cycle I				
1	LEAP YEAR	25/09/2024	1	
2.1	POSITIVE LIST OF NUMBERS	25/09/2024	2	
2.2	SQUARE OF N NUMBERS	25/09/2024	3	
2.3	VOWELS IN A WORD	25/09/2024	4	
2.4	ORDINAL OF VALUE ELEMENTS	09/10/2024	5	
3	OCCURRENCE OF THE WORD	09/10/2024	6	
4	FILTERING INTEGERS	09/10/2024	7	
5	COUNT THE OCCURRENCE OF 'A'	09/10/2024	8	
6	LIST OF INTEGERS	30/10/2024	9	
7	REPLACING FIRST CHARACTER WITH \$	30/10/2024	10	
8	EXCHANGING FIRST AND LAST	30/10/2024	11	
9	AREA OF CIRCLE	30/10/2024	12	
10	BIGGEST OF THREE NUMBERS	06/11/2024	13	
11	EXTENSION OF A FILENAME	06/11/2024	14	
12	DISPLAY FIRST AND LAST COLOR	06/11/2024	15	
13	COMPUTE n+nn+nnn	06/11/2024	16	
14	PRINT COLORS FROM COLOR LIST	13/11/2024	17	
15	SWAPPING THE CHARACTER AT POINTER	13/11/2024	18	
P.T.O				

16	SORTING DICTIONARY	13/11/2024	19	
17	MERGE TWO DICTIONARIES	13/11/2024	20	
18	GCD	20/11/2024	21	
19	CREATE A LIST REMAINING EVEN NUMBER	20/11/2024	22	
Lab Cycle II				
20	FACTORIAL	20/11/2024	23	
21	FIBONACCI SERIES	20/11/2024	24	
22	SUM OF ITEMS IN A LIST	27/11/2024	25	
23	PERFECT SQUARE	27/11/2024	26	
24	NUMBER PYRAMID	27/11/2024	28	
25	CHARACTER FREQUENCY	27/11/2024	30	
26	END OF A STRING	04/12/2024	32	
27	LONGEST WORD	04/12/2024	34	
28	PATTERN	04/12/2024	36	
29	FACTORS	04/12/2024	38	
30	AREA USING LAMBDA	11/12/2024	39	
Lab Cycle III				
31	BUILT-IN PACKAGES	11/12/2024	41	
32	PACKAGES AND SUB PACKAGES	11/12/2024	42	
Lab Cycle IV				
33	COMPARE TWO RECTANGLES	11/12/2024	45	
34	BANK ACCOUNT DETAILS	18/12/2024	47	
35	OPERATOR OVERLOADING	18/12/2024	50	
P.T.O				

36	SUM OF TIMES	18/12/2024	52	
37	METHOD OVERRIDING IN CLASS	18/12/2024	54	
Lab Cycle V				
38	READ FILE LINE BY LINE	01/01/2025	56	
39	COPY ODD LINES	01/01/2025	57	
40	READ EACH ROW FROM CSV FILE	01/01/2025	58	
41	DIPLAY CONTENT OF COLUMN FROM CSV FILE	01/01/2025	59	
42	DICTIONARY TO A CSV FILE	01/01/2025	60	