Mahavir Education Trust's
SHAH & ANCHOR KUTCHHI ENGINEERING COLLEGE
Chembur, Mumbai - 400 088
UG Program in Information Technology

Lab Code	FEL204	Lab Name	C Programming
Academic Year	2020-21	**Semester**	II
Class	FEXV	**Course Incharge**	Shwetambari Borade

Laboratory Outcomes (LO)

LO No.	LO Statement (At the end of the course, students will be able to …)	BL
1	Demonstrate the use operators in C	3
2	Implement Conditional Statements in C	3
3	Implement Looping constructs in C	3
4	Decompose a problem into functions and synthesize a complete program.	3
5	Solve given problem using C data type like array and strings	3
6	Illustrate the concept of structures and pointers	3

Assignment-1

Date: 28/05/2021   **Submission Date: 07/06/2021**

Q. No.	Question	Marks	BL	LO	PSO	PI
1	Write a program to check whether the entered number is even or odd using ternary operator	5	3	1	1	1.1.1, 1.4.1

2	`#include<stdio.h>`
	`void main()`
	`{`
	`    int x;`
	`    scanf("%d", &x);`
	`    if (x>10)`
	`        printf("1");`
	`    else if (x>=1)`
	`        printf("2");`
	`    else if (x)`
	`        printf("3");`
	`    Else`
	`        printf("4");`
	
	What will be the output of the above code when
	i) x = -50 ii) x=50 iii) x=5 iv) x=0 v) x=100
		5	3	2	1	1.1.1, 1.4.1

3	Write a program to calculate sum of the following series $1+1/2!+1/3!...1/n!$	5	3	3	1	1.1.1, 1.4.1

4	Write a program to print the following pattern A B C D A B C A B A	5	3	3	1	1.1.1, 1.4.1