

MARIS STELLA COLLEGE, VIJAYAWADA-8

(An autonomous college affiliated to Krishna University)

Department of Computer Science

B.Com (Computer Applications)

Practical : III

Semester : III

Title : Programming in C

Paper Code: COMPC062

C - PROGRAMMING LAB CYCLE

1. Program for Sum of the digits of a given number.
2. Program to check whether a given number is Prime number or not.
3. Program to check whether a given number is Armstrong or not.
4. Program to check whether a given number is palindrome or not.
5. Program using recursion for
 - i. Factorial of a given number
 - ii. Fibonacci series
6. Program for reversing digits of a no.
7. Program using functions
 - i. With out return value
 - ii. With return value
 - iii. With parameters
 - iv. With out parameters
8. Program to find largest/smallest of n numbers by using arrays
9. Program for sorting an array
10. Program for matrix addition & subtraction
11. Program for (using string functions)
 - i. Comparison of two strings
 - ii. Concatenation of two strings
 - iii. Length of a string

12. Program to process student information. Student structure consists Sno,Sname, Marks in 6 subjects, Total, average. Calculate total and average of n students.

13. Program to demonstrate Unions.

14. Program on pointers and functions.