

DEPARTMENT OF COMPUTER APPLICATIONS
RLMCA131 PROGRAMMING LAB

LAB CYCLE-2 (Completion date : On or before 10-10-2017)

1. Print Square, Cube and Square Root of all Numbers from 1 to N using loop
2. Read an integer number and check whether the entered number is Positive, Negative or Zero until user does not want to exit.[Using do while] .
3. Implement a Calculator . Read two integer numbers and an operator like +,-,*,/,% and then print the result according to given operator, it must be a complete calculator program on basic arithmetic operators using switch statement in C .
4. Read an age of 5 person & find out how many of them fall under :
 - a) Still a baby- age 0 to 5
 - b) Attending school - age 6 to 17
 - c) Adult life-age 18 & over[Using while loop]
5. Implement a Login Authentication System [using nested if] .

LAB CYCLE-3 (Completion date : On or before 17-10-2017)

6. Implement a Substring Extraction System. Input a string from the user and extract the substring (a portion of the string). [Hint: To get the substring from the string, take from and to (start and end) index of the inputted string] using User Defined Function.
7. Read a value and print its corresponding percentage from 1% to 100% using recursion.
[
For example:
Enter a value to split in percentage: 1340
1 Percent = 13.40
2 Percent = 26.80
3 Percent = 40.20
4 Percent = 53.60
... and so on...
]
8. Demonstrate Different storage classes in C.