DEPARTMENT OF COMPUTER APPLICATIONS

RLMCA131 PROGRAMMING LAB

LAB CYCLE- I

1. Write a program in C to compute of an employee due to simple rates earned on amount Rs.500000 in a period of 10 years. Assume that the interest rate is 8% per year.
2. Write a program in C that accepts distance in inches and prints the value in centimetre
    (1 inch=2.54cm)
3. Write a program in C that accepts the temperature in Fahrenheit and print the corresponding in Celsius. (eg:- C/5=(F-32)/9)
4. Write a program in C to find the solution of $aX^2 + bX + c = 0$.
5. Write a program in C to convert any character into its ASCII code and viceversa
6. Write a program in C to convert the lowercase letter in upper case and viceversa.
7. Write a program in C to swap two numbers and print the numbers before and after swapping.
8. Based on the guidelines ,sessional marks for awarding all theory subject for MCA curriculum is as follows
    2 series tests –30 marks(2*15)
    Assignment – 10 marks
    Let the total marks for each subject is fixed as 50 marks for the first series examination.
    Prepare a progress sheet in C (using printf) which contains marks scored by u for each subject for the first series examination and the subject total for sending to your parent's address. Read all relevant data from keyboard and display the progress sheet.
    Note:The marks for all subjects should be computed based on the guidelines (ie,out of 15 marks)

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