

Computer Programming Lab (CSE104L)

Lab 3

- Q1. Write a program to find all roots of a quadratic equation. Read values of a, b and c from the keyboard and then print roots.
- Q2. Read a number from keyboard and print its integral and fractional part separately.
- Q3. Write a program to input sides of a triangle and check whether triangle is valid or not.
- Q4. Write a program to input electricity unit charge and calculate the total electricity bill according to the given condition:
For first 50 units Rs. 0.50/unit
For next 100 units Rs. 0.75/unit
For next 100 units Rs. 1.20/unit
For unit above 250 Rs. 1.50/unit
An additional surcharge of 20% is added to the bill.
- Q5. Write a program that reads date from the user in DD-MM-YYYY format and print the number of days in that month. If it's February, print number of days after checking for the leap-year.
For example, if the input is '11-02-2000', your program should print that 'February has 29 days'.