Online Examination
Topic: Arithmetic Operations and Conditional Statements
Section A2
Full Marks: 20   Time: 40 minutes

Problem 1: Suppose, you need to write a decimal to octal converter. Write a C program that will take an integer input (the value of the input will be non-negative and less than 512) from a user. Consider this number as the decimal one. Then, your program will convert the number into its octal form which will be saved in to a variable. Finally, the program will print this value. **[Marks: 10]**

Sample input	Corresponding Output
511	777
60	74
5	5

Problem 2: Write a C program that will take three integer numbers as input from user. Consider these integer numbers as the length of three arms of a triangle. Determine whether it is possible to build a triangle using these arms. Print "Yes" is possible and print "No" if not possible. **[Marks: 10]**

Sample input	Corresponding Output
2 4 5	Yes
1 1 1	Yes
1 2 5	No