Lab 2 – Group B

1. Ask user for 2 numbers say X and Y. Now swap the number from Y to X and X to Y. You cannot use more than 2 variables.

Output should look like this:

Enter Number X: 5

Enter Number Y: 6

Your inputs,

X = 5, Y = 6

After swapping,

X = 6, Y = 5

1. Given an integer number for 5 digits, write a program that displays the number as follows:

First Line : all digits

Second Line : all except first digit

Third Line : all except first two digit

…. …….

Last line : last digit

For example, the number 12345 will be displayed as

12345

2345

345

45

5

1. Write a program to print the address of a variable. For this ask user for a floating-point number, store it in a variable. Now you can show the value of the floating-point number and its address. Hint: Use Address Operator
2. An equation of the form

ax2 + bx + c = 0

is known as the quadratic equation. The values of x that satisfy the equation are known as the roots of the equation. A quadratic equation has two roots which are given by the following two formulae.

A screenshot of text

Description generated with very high confidence

The program should request the user to input the values of a, b, c and output root1 and root2.