

Lab Sheet 3

Lab Tasks

1. Write a program to read a number and check whether it is positive or negative.
2. Write a program to read cost price and selling price of a good and find profit or loss amount.
3. Write a program to take marks obtained by a student in 5 subjects each have its 100 full marks and display total marks, percentage and division obtained. The division will be displayed according to following rules

Percentage	Division
≥ 80	Distinction
$<80 \text{ and } \geq 70$	First Division
$<70 \text{ and } \geq 60$	Second Division
$<60 \text{ and } \geq 50$	Third Division

Before displaying division make sure that the student is passed. Pass marks for each subject is 50. If student has less than 50 marks in any subject, display failed.

4. Write a menu-based program to display following MENU

MENU

1. ADD
2. SUBTRACT
3. MULTIPLY
4. DIVIDE
5. EXIT

Ask user to input choice (1-5). When user enters 1-4, ask two numbers to enter and show corresponding result such as sum, difference, product and quotients and if user enters 5, program should terminate.