

LAB 1

1 Write a program to calculate the area of triangle using formula $at = \sqrt{s(sa)(s-b)(s-c)}$

2 Basic salary of an employee is input through the keyboard. The DA is 25% of the basic salary while the HRA is 15% of the basic salary. Provident Fund is deducted at the rate of 10% of the gross salary (BS+DA+HRA). Program to calculate the Net Salary.

3 Write a program to determine the roots of quadratic equation.

4 Write a program to find the largest of three numbers using nested if else.

5 Write a program to receive marks of physics, chemistry & maths from user & check its eligibility for course if

a) Marks of physics > 40

b) Marks of chemistry > 50

c) Marks of math's > 60

d) Total of physics & math's marks > 150 or

e) Total of three subjects marks > 200

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