

Fundamentals of Computing and Programming in C

Simple Programs

Presented By:

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Programs:

1. Write a C program to perform addition, subtraction, division and multiplication of two numbers.
2. Write a program to calculate the perimeter and area of a circle (read the value for the radius from the keyboard).
3. Write a program to read the price of an item in decimal form (like 34.50) and print the output in paise (like 3450 paise).
4. Write a program to convert the temperature in $^{\circ}\text{C}$ to $^{\circ}\text{F}$.
5. Write a program to read two floating point numbers using a scanf statement, assign their sum to an integer variable and then output the values of all three variables.
6. Write a program to calculate the area of triangle (read the value of the three sides from the keyboard).

Programs:

7. Write a program to take input of name, roll number and marks obtained by a student in 4 subjects of 100 marks each and display the name, roll number with percentage score secured.

Output:

```
Name: Manohar Lal
Roll Number: 22
Enter Marks in 4 Subjects:
55
70
87
60
*****

Name of student: Manohar Lal
Roll Number: 22
Percentage secured: 68.00%
*****
```

Programs:

8. Write a C program to print your address in proper format?
9. Basic salary of Manas is input through the keyboard. His dearness allowance is 35% of basic salary, and house rent allowance is 15% of basic salary. Write a C program to calculate his gross salary.
10. WAP to swap the contents of two variables (Using third variable).
11. WAP to swap the contents of two variables (Without using the third variable).
12. WAP to find the square roots of a quadratic equation.

Thank You

*Thank
You!*