

## C/ C++ Assignments-1

1. Ramesh's basic salary is input through the keyboard. His dearness allowance is 40% of basic salary, and house rent allowance is 20% of basic salary. Write a program to calculate his gross salary.
2. The distance between two cities (in km) is input through the keyboard. Write a program to convert and print this distance in meters, feet, inches, and centimetres.
3. If the marks obtained by a student in five different subjects are input through the keyboard, find out the aggregate marks and percentage marks obtained by the students. Assume that the maximum marks that can be obtained by a student in each subject is 100.
4. Temperature of a city in Fahrenheit degrees is input through the keyboard. Write a program to convert this temperature into centigrade degrees.
5. The length and breadth of a rectangle and radius of a circle are input through the keyboard. Write a program to calculate the area and perimeter of the rectangle, and the area and the circumference of the circle.
6. If a five-digit number is input through the keyboard, write a program to calculate the sum of its digit.
7. If a five digit number is input through the keyboard, write a program to reverse the number.
8. If a four digit number is input through the keyboard, write a program to obtain the sum of the first and last digit of this number.
9. A cashier has currency notes of denominations 10, 50 and 100. If the amount to be withdrawn is input through the keyboard in hundreds, find the total number of currency notes of each denomination the cashiers will have to give to the withdrawer.
10. If the total selling price of 15 items and the total profit earned on them is input through the keyboard, write a program to find the cost price of one item.