

## **C Assignments**

1. Write a Program to calculate Gross Salary.

In this program we will take basic salary as an input and on the basis of following calculations we calculate gross salary.

- da is 20% of basic salary
- hra is 40% of basic salary
- Gross Salary = basic salary + da + hra

2. Write a Program to take radius of circle input from keyboard and calculate Area and Circumference of Circle

- Area =  $3.14 * \text{radius} * \text{radius}$
- Circumference =  $2 * 3.14 * \text{radius}$

3. C Program to Calculate to take length and breadth of rectangle Area and Perimeter of Rectangle

- Area = length\*breadth
- perimeter= $2*(\text{length} + \text{breadth})$

4. Write a Program to take 3 digit number from user and print addition of its digits

- For example if user entered 352 number then output will be 10(Addition of all digits)

5. Write a Program to take 3 digit number from user and print its reverse number

- For example if user entered 352 number then output will be 253

6. Write a Program to convert temperature from Fahrenheit to Celsius.

7. Write a Program to swap the content of two variable.

8. Write a Program to print square value of number.

9. Write a Program to Convert meter to Feet and Inches

1 meter=12 inches

1 meter=100 centimeters

1 meter= 3.28084 Feet

10. Write a Program to take 2 numbers from user and print addition.

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