C Programming – 1 (Basic)

1. Accept two numbers & print the sum of the two numbers.
2. Accept a number & print the square of the number.
3. Accept a number & print the cube of the number.
4. Accept the length and breadth of rectangle and calculate area.

    (area = l * b)
5. Accept the length and height of triangle and calculate area.

    (area = 0.5 * l * h)
6. Accept the radius of circle & calculate:

    (area = pi * r * r) & circumference

    (circumference = 2 * pi * r)
7. Accept two numbers from user & interchange them (swapping).
    -   I)   Using third variable temp
    -   II)   Without using third variable
8. Accept the 5 subject marks from users and calculate the total mark and percentage and display it.
9. Accept rollno, name, marks of English, Hindi, Marathi & calculate the following:

    Total marks, percentage & print all the details of student.
10. Accept id, name & basic salary of an employee & calculate the DA, HRA, TA, gross salary, ITax, net salary.

    DA = basic salary * 5%

    HRA = basic salary * 12%

    TA = basic salary * 8%

    Gross salary = basic salary + HRA + DA + TA

    ITax = basic salary * 10%

    Net salary = gross salary - ITax