

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