

1. Input a number and display whether it is divisible 5 or not.
2. Input the age of a person and display whether he/she is a voter or not.
3. Input the age of a person and display whether he/she is teenager or not.
4. Input a number and display whether that is perfect square or not.
5. Input three numbers and display the difference between the highest and lowest number.
6. Write a C program to input basic salary of an employee and calculate its Gross salary according to following:  
Basic Salary  $\leq$  10000 : HRA = 20%, DA = 80%  
Basic Salary  $\leq$  20000 : HRA = 25%, DA = 90%  
Basic Salary  $>$  20000 : HRA = 30%, DA = 95%
7. Write a C program which can input two numbers indicating a point in a 2D co-ordinate and determine its quadrant.
8. Write a C program to check whether the triangle is equilateral, isosceles or scalene triangle.
9. Write a C program to input all sides of a triangle and check whether triangle is valid or not.
10. Write a C program to input angles of a triangle and check whether triangle is valid or not.
11. Write a C program to input a number indicating income of a person and calculate tax with the given following conditions.  
if income is less than, 1,50,000 then no tax  
if taxable income is in the range 1,50,001-300,000 then charge 10% tax  
if taxable income is in the range 3,00,001-500,000 then charge 20% tax  
if taxable income is above 5,00,001 then charge 30% tax.