1. 6Write a C program to find maximum between two numbers.
2. Write a C program to find maximum between three numbers.
3. Write a C program to check whether a number is negative, positive or zero.
4. Write a C program to check whether a number is divisible by 5 and 11 or not.
5. Write a C program to check whether a number is even or odd.
6. Write a C program to check whether a year is leap year or not.
7. Write a C program to input any alphabet and check whether it is vowel or consonant use switch case.
8. Write a C program to input any character and check whether it is alphabet, digit or special character.
9. Write a C program to check whether a character is uppercase or lowercase alphabet.
10. Write a C program to input week number and print week day.
11. Write a C program to input month number and print numb er of days in that month.
12. Write a C program to count total number of notes in givenamount.
13. Write a C program to input angles of a triangle and check whether triangle is valid or not.
14. Write a C program to input all sides of a triangle and check whether triangle is valid or not.
15. Write a C program to check whether the triangle is equilateral, isosceles or scalene triangle.
16. Write a C program to find all roots of a quadratic equation.  
    Take input a, b, c as argument for a function.  
      
    E.g : ax2 + bx + c = 0 return: Roots of equation
17. Write a C program to calculate profit or loss.  
    Input S.P, B.P return { profit: 0, loss: 100}
18. Write a C program to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:

Percentage >= 90% : Grade A

Percentage >= 80% : Grade B

Percentage >= 70% : Grade C

Percentage >= 60% : Grade D

Percentage >= 40% : Grade E

Percentage < 40% : Grade F

1. Write a C program to input basic salary of an employee and calculate its Gross salary according to follo:

Basic Salary <= 10000 : HRA = 20%, DA = 80%

Basic Salary <= 20000 : HRA = 25%, DA = 90%

Basic Salary > 20000 : HRA = 30%, DA = 95%

1. Write a C program to input electricity unit charges and calculate total electricity bill according to the given condition:

For first 50 units Rs. 0.50/unit

For next 100 units Rs. 0.75/unit

For next 100 units Rs. 1.20/unit

For unit above 250 Rs.50/unit

An additional surcharge of 20% is added to the bill