1.Calculate the Factorial of a Number

2. Find the Prime Numbers in a Range

3. Implement a Simple Calculator

4. Write a C program to check if it is a palindrome number or   not using a recursive method.

5. Write a C program to Subtract Two Numbers Without Using the Subtraction Operator

6. Write a C program to remove duplicates in a given array?

7.A number is entered through the keyboard.the number may contain 1,2,3,4 or 5 digits.Write a program to find a number of digits in the number.

8.Super-Duper Micros Currently sells 100 Super-Duper per month at a profit of Rs.500/- per Super-Duper.They have a fixed operating cost of Rs 10,000/-that does not depend on the volume of sales.They currently spend Rs 1000/- per month on advertising. A marketing consultant advised them that if they double the amount spent on advertising, sales will increase by 20%.Write a program that begins with the Company's current status,successively doubles the amount spent on advertising until the net profit begins to decline.Have a program print number of Super-Duper sales,the advertising budget,and the net profit just before the profit begins to decline.

9.if a number 972 is entered through the keyboard your program should print "Nine Seventy Two".Write the program such that it does this for any positive Integer.

10. (a) Consider a Currency System in which there are notes of seven denominations ,namely, Re.1,Rs2,Rs,5,Rs 10,Rs 50,Rs 100.
If a sum of Rs.N is entered through the keyboard,write a program to compute the smallest number of notes that will combine to give Rs.N.

10 (b)The Policy followed by a company to process customer orders
Is given by the following rules:
(a)If a customer order is less than or equal to that in stock and has credit is OK,supply has requirement.

(b) If has credit is not OK do not supply.Send him intimation.

(c) If has credit is OK but the item in stock is less than has order ,supply what is in stock.Intimate to him data the balance will be shipped.