

Loop and Switch

Lab Programs

1. Perform arithmetic calculations on integers.
2. Check whether an alphabet is a vowel or consonant using switch
3. Write a currency program that tells you how many numbers of 100, 50, 20, 10, 5, 2 and 1 Rs notes will be needed for a given amount of money. For example if the total amount is Rs 545 then five 100 Rs notes, two 20 Rs notes and one 5 Rs note will be needed.
4. Print prime numbers from 1 to 99
5. Enter a number and find the reverse of that number.
6. Input a number and a digit and find whether the digit is present in the number or not, if present then count the number of times it occurs in the number.
7. Enter a number n and print the sum of squares of all numbers from 1 to n.

Homework Programs

1. Enter a number n and print the cube of all numbers from 1 to n which are divisible by 3.
2. Enter a six digit number and print the sum of all even digits of that number and multiplication of all odd digits.
3. Find out the value of x raised to the power y, where x and y are positive integers.
4. Enter a number up to six digits and print that in words. For example- 1265 = one two six five