1
Write a program to print your name.

2
Write a program to print the following string
"1\ New Delhi is the capital of India
2\ Tamilnadu is the land of yogic culture"

3
Print the following pattern in the console
*
**
***
****
*****

4
Find simple interest for a period of 5 years with a interest rate
of 8%. Get the principal amount from the user. Use #define macro to
store interest rate and period.

5
Write a program to get two integers from user and perform
arithmetic operations such as Addition, Subtraction,
Multiplication, Division and Modulo and display the results. Use
necessary floating point type casting wherever it is necessary.

6
Write a program to get a Mark from the user and find its grades
using if - elseif as per the following norms
>=90 and <= 100 --> 'S' Grade
>=80 and <90 --> 'A' Grade
>=70 and <80 --> 'B' Grade
>=60 and <70 --> 'C' Grade
>=50 and <60 --> 'D' Grade
<50 --> 'F' Grade

7
Write a program to print numbers in word format. For example if 5
is input, then FIVE should be printed. If the input is 238 then
ouput is TWO THREE EIGHT

8 Write a program to find Smallest and Largest of Three numbers.

9 Write a program to swap two numbers using a third variable

10
Write a program to find second biggest number in an array of

integers without sorting the array

11 Write a program to swap two numbers without using a third variable.

12 Write a program to convert a decimal number to Binary Number

13
Write a program to get an integer from the user and find whether
the number is odd or even

14
Write a program to print the following pattenr for example if four
is given four rows shhould be there and in each row 1 to 4 should
be printed each seperated by a space. The input value should not
exceed 9
1
1 2
1 2 3
1 2 3 4

15
Write a program to find sum of digits of an integer. For example if
457 is the input number then the sum of individual digits is 16 (4
+ 5 + 7)

16
Write a program to find sum of digits of a number to single digit.
For example if number is 1999, then the sum of digits is 28 again
its sum is 10 and again its sum is 1 which is a single digit.

17
Write a program to find whether a number is Palindrome or not. For
example number 4554 is a palindrome because the reversed number is
also the same number

18
Write a program to find factorial of number using itereation. If
the input number is 5, then 5! Is equal to 120 (1*2*3*4*5)

19
Write a program to get an integer from the user and count its
digits. For example if the input number is 32221, then number of
digits is 5.

20
Write a program to get an integer from the user and reverse the
number. If the input number is 4313, then the reveresed number is

3134

21
Write a program to find whether a number is Narcissistic number or
not

22
Write a program to get an integer from the user and find whether
the number is Prime or not. A Prime number is a positive integer
which can be divided whole(with 0 remainder) by itself and by 1,
moreover 2 is the only even prime number. Examples of prime numbers
are 11, 29, 47, 59

23
Write a program to find all prime numbers in a range of numbers.
Get the range values from the user. For example if the range is 100
to 200, then all prime numbers from 100 to 200 should be printed.

24
Write a program to print all Narcissistic numbers in a range of
numbers. Get the range values from the user

25
Write a program to find whether a number is Adam number or not?
Adam number is a number when reversed, the square of the number and
the square of the reversed number should be numbers which are
reverse of each other. Examples of Adam numbers are: 0, 1, 2, 3,
11, 12, 13, 21, 22, 31, 101, 102, 103, 111, 112 , 113, 121, 122,
201, 202, 211, 212, 221

26
Write a program to circularly rotate number and display them. For
example if the number is 3214, then the cirucularly rotated numbers
are 2143, 1432, 4321,3214.

27
Write a program to find whether a given number is circular prime or
not. For example number 3779 is a circular prime because the
rotation of numbers 3779, 7793, 7937, 9377 all are prime numbers

28
Write a program to print all Circular Prime Numbers in a range. For
example if the range is from 1000 to 50000, then all Circular prime
numbers from 1000 to 50000 should be printed

29
Write a program to find Least Common Multiple(LCM) of two numbers.
For example LCM of 6 and 8 is Multipliers of 6 are 6 , 12, 18, 24,

30, 36. Multipliers of 8 are 8, 16, 24, 32, 40, 48. Then LCM of 6 and 8 is 24

30
Write a program to find Greatest Common Divisor(GCD) of two numbers. GCD is Greatest Common Divisor, for example, GCD of 21 and 49 is 7

31
Write a program to find summation of first N numbers. Get N as input from the user. If user enters N as 21, then you have to sum from 1 to 21

32 Write a program to print Multiplication table.

33
Write a program to print first N fibonacci numbers. Get N from the user

34
Write a program to print sum of first N fibonacci numbers. Get N from the user

35
Write a program to reverese a string, eg. if string is "kare university", it should be reversed to ytisrevinu erek"

36 Write a program to find whether a string is Palindrome or not?

37 Write program to count number of vowels present in a string

38 Write a program to find whether a substring is present in a string.

39 Write a program to find the count of substrings present in a string

40
Write a program to find the count of Numerical characters present in a string

41
Write a program to reverse the word order in a sentence string , for example if the string is "Bull taming is a sport in tamilnadu", then answer should be "tamilnadu in sport a is taming Bull"

42
Write a program to compare two strings case insensitive. For example "ABCD" and "abcd" both are same.

43
Write a program to find a replace a certain word with another word in a string. Ger necessary inputs from the user.

44 Write a program to sort list of integers using Bubble sort

45 Write a program to sort list of integers using Selection sort

46 Write a program to sort list of integers using Insertion sort

47
Get two matrices from the user and find its summation and display the result matrix(Tuplel inside tuple)

48
Get two matrices from the user and perform Multiplication and display the result matrix(Tuples inside tuple)

49
Perform summation of all individual rows and individual columns of a matris.(Tuple inside tuple)

50
Get 5 Student details such as name,cgpa,age in a dictionary. Then display the students' names whose cgpa is less than 8. Display appropriate message if there are no one

51
Write a program to sum up integers present in an even indices of a list. If its having other than int data type, that data should be omitted

52
Write a program to replace all the negative integer into positive integer in a list, for exampe if the value -5 , it should be changed to 5

53
Write a program to store all the prime numbers present in a given range in a list

54
Write a program to find out presence of duplicat elements in a list containing integers

55
Write program to count of prime numbers present in an array of integers

56
Ger two strings from user, say two sentences, remove the words of second string from the first string

57
Write a program to find an integer having maximum number of duplicates in an array of integers

58 Write a program to find Factorial using Recursion

59 Write a program to find GCD of two numbers using Recursion

60 Write a program to print Fibonacci series using Recursion