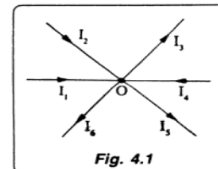


Flow Chart Problems

1. Program for adding two numbers.
2. Program to print area of rectangle.
3. Program to print perimeter of a square.
4. Program to print area of square.
5. Program to print the average of three numbers.
6. Program to print perimeter of a circle.
7. Program to print the sum of 5 subjects of students.
8. Program to print the value of resistance ,when voltage and current values are provided.
9. Program to print the power when the current and resistance values are provided.
10. Program to take the values of $i_1, i_2, i_3, i_4, i_5, i_6$ current values following from the point and calculate sum of current.



11. Program to read the number of digits in given number.
12. Program to read two numbers from user and print bigger value.
13. Program to print whether the given number is positive or negative.
14. Program to read the three numbers from the user and print the biggest value.
15. Program to get marks of 5 subjects of a student and print grade A is above 80%, B is above 60%, C is above 40%, D is below 40%.
16. Program to get age of a person to print whether he is eligible for DL or not.
17. Program to get age of a person to print greeting message if $\text{age} \leq 5$ nice child, $\text{age} \leq 10$ nice kid, $\text{age} \leq 15$ teenagers, $\text{age} \leq 25$ young dynamic, $\text{age} \leq 50$ middle age, $\text{age} \leq 50$ old.
18. Program to get whether the given number is even or odd.
19. Program to print first 20 natural numbers.
20. Program to print first 10 even numbers.
21. Program to print first 30 odd numbers.
22. Program to print all the even numbers in range.
23. Program to print first 20 even numbers in reverse order.
24. Program to print first n natural numbers in reverse order.
25. Program to print first n even numbers in reverse order.
26. Program to print the series of 5,10,15,20, n numbers.

27. Program to print the series of numbers 2,4,4,8,6,12,8,16,10,20.

28. Program to print multiplication table of 3.

29. Program to print first n multiplication table from 2.

30. Program to print given pattern

```
☆☆☆☆
☆☆☆☆
☆☆☆☆
☆☆☆☆
☆☆☆☆
```

31. Program to print given partten

```
☆
☆☆
☆☆☆
☆☆☆☆
☆☆☆☆☆
☆☆☆☆☆☆
```

32. Program to print given partten

```
|AAAAA
AAAA
AAA
AA
A
```

33. Program to print given pattern

```
BBBBB
BBBB
|BBB
BB
B
```

34. Program to print given pattern

```
AAAAABBBBB
AAAABBBB
AAABBB
AABB
A|B
```

35. Program to print given pattern

```
|AB
AABB
AAABBB
AAAABBBB
AAAAABBBBB
```

36. Program to print factorial of given number

37. Program to print factors of given numbers

38. Program to print whether the given number is prime or not.

39. Program to print reverse of a given number.
40. Program to print febonacci series.
41. Program to find GCD of two given numbers
42. Program to print bill of shopping items,quantity,unit price to be entered.
43. Program to print chech whether the given number is palindrome or not.
44. Program to print Hexa value of given decimal no.
45. Program to print decimal value of hexa number.
46. Program to get 10 numbers from the user and print the ascending order A[0]
47. Program to check if a given year is a leapyear or not.
48. Program to print the first 20 prime numbers.
49. Program to find the largest number and smallest number among four given numbers .
50. Program to print second largest number among four numbers
51. Program to swap two numbers without using temp variable
52. Program to print given pattern 1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
53. Program to find Probability of finding head when 3 coins tossed simultaneously.
54. Program to find Probability of finding Ace in pack of Cards.
55. In a box we have 3 red, 5 black, 6 blue balls, if we draw 3 balls simultaneously . Program to find the probability of getting 1 red, 1 blue, 1 black ?
56. Program to print given pattern 1
2 3 4
5 6 7 8 9
10 11 12
13
57. Program to print given pattern
* * * * *
* * * *
* * *
* *
*

58. Program to print given pattern

```
* * * * *
  * * * *
    * * *
      * *
        *
```

59. Program to print given pattern

```
      *
    * * *
  * * * * *
* * * * * *
```

60. Program to print given pattern

```
* * * * * * *
  * * * * *
    * * *
      *
```

61. Program to find roots of a quadratic equation?

62. Take two numbers from the user and Program to find the sum of numbers which are not divisible by 5 between the range.

63. Program to print given pattern Hollow square

```
# # # # #
      #
#           #
#           #
# # # # #
```

64. Program to find Armstrong numbers between two intervals (user input)?

65. Program to convert binary number to octal.

66. Program to convert binary number to hexa decimal.

67. Program to print given pattern . Pascals triangle

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

68. Program to take a string from the user and print all the combinations.

69. Program to print given pattern 1

```
  2 3 2
 3 4 5 4 3
4 5 6 7 6 5 4
```

70. Program to find no. of vowels and consonants in a string?

71. Program to print transpose a matrix.

72. Program to print Multiplication of two given matrix .

73. Program to find hours:minutes:seconds, if user gives seconds Ex: - I/p = 3600
o/p=01:00:00

74. Program to check whether the given two lines are parallel or not.

75. Program to find sum of lower triangle elements in a matrix?

76. Program to find given series $1! + 2! + 3! + 4! + \dots + n!$

77. Program to arrange the given string in alphabetical order.

78. Program to find prime numbers between the given number range taken from user.

79. Program to find determinant of matrix.

80. Program to find the inverse of the matrix.

81. Program to find leap year count between the given year range taken from user.

82. Program to find given series $1!/1 + 2!/2 + 3!/3 + \dots + n!/n$

83. Program to take two complex numbers from user and divide them then print real number and imaginary number

84. Program to print London and American time from given Indian standard time .

85. Program to display LSB from given number.

86. Program to display MSB from given number.

87. Program to right shift the bits by n times of given binary number.

88. Program to left shift the bits by n times of given binary number.

89. Program to toggle the nth bit of given binary number.

90. Program to display the nth bit of given binary number..

91. Program to display the no.of days between two dates that taken from user.