# Flow Chart Problems

1. draw a flow chart for adding two numbers.

2. draw a flow chart to print area of rectangle.

3. draw a flow chart to print perimeter of a square.

4. draw a flow chart to print area of square.

5. draw a flow chart to print the average of three numbers.

6. draw a flow chart to print perimeter of a circle.

7. draw a flow chart to print the sum of 5 subjects of students.

8. draw a flow chart to print the value of resistance ,when voltage and current values are provided.

9. draw a flow chart to print the power when the current and resistance values are provided.

10. draw a flow chart to take the values ofi1,i2,i3,i4,i5,i6 current values following from the point and calcute sum of current.

Fig. 4.1
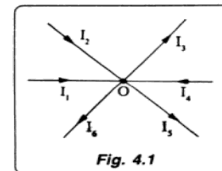
11. Draw a flow chart to read the number of digits in given number.

12. draw a flow chart to read two numbers from user and print bigger value.

13. draw a flow chart to print wheather the given number is positive or negative.

14. draw a flow chart to read the three numbers from the user and print the biggest value.

15. draw a flow chart 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. draw a flow chart to get age of a person to print wheather he is eligible for DL or not.

17. draw a flow chart to get age of a person to print greeting message if age<=5 nice child, age<=10 nice kid, age<=15 tennagers, age<=25 young dynamic, age<=50 middle age, age<=50 old.

18. draw a flow chart to get wheather the given number is even or odd.

19. draw a flow chart to print first 20 natural numbers.

20. draw a flow chart to print first 10 even numbers.

21. draw a flow chart to print first 30 odd numbers.

22. draw a flow chart to print all the even numbers in range.

23. draw a flow chart to print first 20 even numbers in reverse order.

24. draw a flow chart to print first n natural numbers in reverse order.

25. draw a flow chart to print first n even numbers in reverse order.

26. draw a flow chart to print the series of 5,10,15,20,.........n numbers.

27. draw a flow chart to print the series of numbers 2,4,4,8,6,12,8,16,10,20.

28. draw a flow chart to print multiplication table of 3.

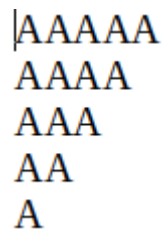29. draw a flow chart to print first n multiplication table from 2.
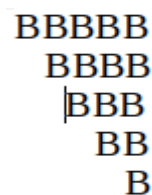
30. draw a flow chart to print given pattern

```
☆☆☆☆☆
☆☆☆☆☆
☆☆☆☆☆
☆☆☆☆☆
☆☆☆☆☆
```

31.draw a flow chart to print given partten

```
☆
☆☆
☆☆☆
☆☆☆☆
☆☆☆☆☆
☆☆☆☆☆☆
```

32.draw a flow chart to print given partten

```
AAAAA
AAAA
AAA
AA
A
```

33. draw a flow chart to print given pattern

```
BBBBB
 BBBB
  BBB
   BB
    B
```

34.draw a flow chart to print given pattern

```
AAAAABBBBB
 AAAABBBB
  AAABBB
   AABB
    AB
```

35.draw a flow chart to print given pattern

```
    AB
   AABB
  AAABBB
 AAAABBBB
AAAAABBBBB
```
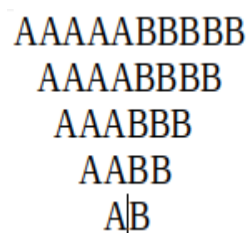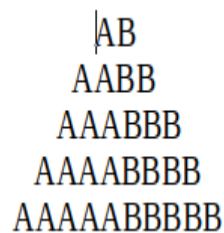
36.draw a flow chart to print factorial of given number

37.draw a flow chart to print factors of given numbers

38.draw a flow chart to print whether the given number is prime or not.

39.draw a flow chart to print reverse of a given number.

40.draw a flow chart to print febonacci series.

41.draw a flow chart to find GCD of two given numbers

42.draw a flow chart to print bill of shoping items,quantity,unit price to be entered.

43.draw a flow chart to print chech whether the given number is palindrome or not.

44.draw a flow chart to print Hexa value of given decimal no.

45.draw a flow chart to print decimal value of hexa number.

46.draw a flow chart to get 10 numbers from the user and print the ascending order A[0]

47.draw a flow chart to check if a given year is a leapyear or not.

48.draw a flow chart to print the first 20 prime numbers.

49. Draw a flow chart to find the largest number and smallest number among four given numbers .

50.draw a flow chart to print second largest number among four numbers

51. Draw a flow chart to swap two numbers without using temp variable

52.Draw a flow chart to print given pattern
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

53.Draw a flow chart to find Probability of finding head when 3 coins tossed simultaneously.

54.Draw a flow chart 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 . Draw a flow chart to find the probability of getting 1 red, 1 blue, 1 black ?

56.Draw a flow chart to print given pattern
        1
      2 3 4
    5 6 7 8 9
     10 11 12
        13

57.Draw a flow chart to print given pattern
      * * * * *
      * * * *
      * * *
      * *
      *

58.Draw a flow chart to print given pattern

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

59.Draw a flow chart to print given pattern

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

60.Draw a flow chart to print given pattern

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

61.Draw a flow chart to find roots of a quadratic equation?

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

63. Draw a flow chart to print given pattern
Hollow square

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

64.Draw a flow chart to find Armstrong numbers between two intervals (user input)?

65.Draw a flow chart to convert binary number to octal.

66. Draw a flow chart to convert binary number to hexa decimal.

67.Draw a flow chart to print given pattern .

```
      Pascals triangle
        1
       1 1
      1 2 2 1
     1 3 4 3 1
    1 4 7 7 4 1
```

68.Draw a flow chart to take a string from the user and print all the combinations.

69.Draw a flow chart to print given pattern
            1
          2 3 2
        3 4 5 4 3
      4 5 6 7 6 5 4

70.Draw a flow chart to find no. of vowels and consonants in a string?

71.Draw a flow chart to print transpose a matrix.

72. Draw a flow chart to print Multiplication of two given matrix .

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

74. Draw a flow chart to check whether the given two lines are parallel or not.

75.Draw a flow chart to find sum of lower triangle elements in a matrix?

76.Draw a flow chart to to find given series
       1! +2! +3! +4! +...............+n!

77.Draw a flow chart to arrange the given string in alphabetical order.

78.Draw a flow chart to find prime numbers between the given number range taken from user.

79.Draw a flow chart to find determinant of matrix.

80.Draw a flow chart to find the inverse of the matrix.

81.Draw a flow chart to find leap year count between the given year range taken from user.

82.Draw a flow chart to find given series
       1! /1 + 2! /2 + 3! /3 + ...+ n! /n

83.draw a flow chart to take two complex numbers from user and divide them then print real number and   imaginary number

84.draw a flow chart to print London and American time from given Indian standard time .

85.Draw a flow chart to display LSB from given number.

86. Draw a flow chart to display MSB from given number.

87.Draw a flow chart to right shift the bits by n times of given binary number.

88.Draw a flow chart to left shift the bits by n times of given binary number.

89.Draw a flow chart to toggle the nth bit of given binary number.

90.Draw a flow chart to display the nth bit of given binary number..

91.Draw a flow chart to display the no.of days between two dates that taken from user.