

1. Write a program to print your Name , Address and Birth Date.
2. Write a program to add, multiply and divide two integers and float numbers.
3. Write a program to tell if a year is a leap year Or Not.
4. Write a program to check whether the entered number is even or odd.
5. Write a program to determine the maximum of 3 numbers.
6. Write a program to accept number of days and print year, month and remaining days (Assume year have 365 days and months have 30 days).
7. Write a program to swap the values of two variables.
8. Write a program that reads the percentage obtained by the students and determines and prints the class obtained by the student as per the following rules

Percentage	Class
0 - 39	Fail
40 - 59	Second class
60 - 79	First class
80 - 100	Distinction

9. Write a program to calculate the area of circle/rectangle/triangle.
C indicate circle ,
R indicate rectangle,
T indicate triangle.
use symbolic constant to define the value of pie.
10. Write a program that accept basic, HRA, and DA from the user and calculate total salary.
11. Using While, do..while and for loop print 1 2 3 4 510.
12. Print series 2, 4, 6, 8,.....n. (Using While,do..while and for loop)
13. Print series 2, 4, 16,.....n*n (Using While,do..while and for loop)
14. Write a program to calculate the sum and average of a set of n given numbers.
15. Write a program to generate Fibonacci series.
16. Write a program to print the multiplication table of given number.
17. Write a program to find a factorial of the entered number.
18. Write a program to determine given number is prime or not.
19. Write a program to swap two numbers.
20. Write a program to reverse a given number and display the sum of all digits.
21. Write a program to determine that given number is armstrong number or not.
22. Write a program to calculate the sum of odd and even digits separately from given number.
23. Write a program to print all the numbers and sum of all the integers that are greater than 50 and less than 70 and are divisible by 7.
24. Write a program to accept two numbers and perform basic operation of calculator (+,-,*,/).(Use switch...case)

25. Generate the following pattern:

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

```
1  
1 2  
1 2 3  
1 2 3 4  
1 2 3 4 5
```

8.

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
```

9.

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
```

10.

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

26. Write a program to find maximum element from 1-Dimensional array.
27. Write a program to sort given array in ascending order.
28. Given the two 1-D arrays A and B, which are sorted in ascending order. Write a program to merge them into a single sorted array C that contains every item from arrays A and B, in ascending order.
29. Write a program to add two matrices.
30. Write a 'c' program that reads in two matrices and multiply them. Display the resultant matrix.
31. Write a program to find element at given position from 2-Dimensional array.
32. Write a program to find string length.
33. Write a program that will input a string and count all occurrences of a particular word.
34. Write a program that will read a string and rewrite it in the alphabetical order.
35. Write a program to reverse the string.