

1. Write a C program to print your name, date of birth and mobile number.

Expected Output:

Name : Alexandra Abramov
DOB : July 14, 1975
Mobile : 99-9999999999

2. Write a C program to display multiple variables.

Sample Variables :

a + c, x + c, dx + x, ((int) dx) + ax, a + x, s + b, ax + b, s + c, ax + c, ax + ux

Declaration :

```
int a = 125, b = 12345;  
long ax = 1234567890;  
short s = 4043;  
float x = 2.13459;  
double dx = 1.1415927;  
char c = 'W';  
unsigned long ux = 2541567890;
```

3. Write a C program to compute the perimeter and area of a circle with a user given radius (double).

Sample Input: 6.0

Expected Output:

Perimeter of the Circle = 37.680000 inches
Area of the Circle = 113.040001 square inches

4. Write a C program to convert specified days into years, weeks and days.

Note: Ignore leap year.

Sample Input: 1329

Expected Output :

Years: 3
Weeks: 33
Days: 3

5. Write a C program that accepts two integers from the user and calculate the sum of the two integers.

Sample Input:

Enter the first integer: 25
Enter the second integer: 38

Expected Output:

Sum of the above two integers = 63

6. Write a C program to calculate the distance between the two points.

Sample Input:

Enter x1: 25

Enter y1: 15

Enter x2: 35

Enter y2: 10

Expected Output:

Distance between the said points: 11.1803

7. Write a C program that read 4 numbers and sum of all even values between them.

Sample Input:

Enter the first number: 11

Enter the second number: 17

Enter the third number: 13

Enter the fourth number: 12

Expected Output:

Sum of all even values: 12

8. Write a C program that accepts three integers and find the maximum of three.

Sample Input:

Enter the first integer: 25

Enter the second integer: 35

Enter the third integer: 15

Expected Output:

Maximum value of three integers: 35

9. Write a C program that reads an integer between 1 and 12 and print the month of the year in English.

Sample Input:

Enter a number between 1 to 12 to get the month name: 8

Expected Output:

August

10. Write a C program to calculate the sum and average marks of five courses.

Sample Input:

Enter marks of the five courses: 95 76 85 90 89

Expected Output:

Total = 435

Average = 87

11. Write a C program to find whether a given year is a leap year or not.

Sample Input:

2016

Expected Output :

2016 is a leap year.

12. Write a C program to find the eligibility of admission for a professional course based on the following criteria:

Marks in Maths ≥ 65

Marks in Phy ≥ 55

Marks in Chem ≥ 50

Total in all three subject ≥ 180

Sample Input:

Input the marks obtained in Physics: 65

Input the marks obtained in Chemistry: 51

Input the marks obtained in Mathematics: 72

Expected Output :

The candidate is eligible for admission.

13. Write a C program to check whether a character is an alphabet, digit or special character.

Sample Input:

@

Expected Output :

This is a special character.

14. Write a program in C to display n (n is given by user) terms of natural number and their sum.

Sample Input:

7

Expected Output :

The first 7 natural number is : 1 2 3 4 5 6 7

The Sum of Natural Number upto 7 terms : 28

15. Write a program in C to display the n terms of odd natural number and their sum.

Sample Input:

Input number of terms: 10

Expected Output :

The odd numbers are :1 3 5 7 9 11 13 15 17 19

The Sum of odd Natural Number upto 10 terms : 100