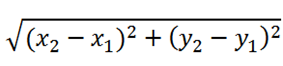
1. Write a C program to print the following characters in a reverse way.   
   **Test Characters**: 'X', 'M', 'L'   
   Expected Output:   
   The reverse of XML is LMX
2. Write a C program to compute the perimeter and area of a rectangle with a height of 7 inches. and width of 5 inches.   
   **Expected Output*:***   
   Perimeter of the rectangle = 24 inches   
   Area of the rectangle = 35 square inches
3. Write a C program that accepts two item’s weight (floating points' values ) and number of purchase (floating points' values) and calculate the average value of the items.
4. Write a C program to convert specified days into years, weeks and days.   
   Note: Ignore leap year.   
   **Test Data :**Number of days : 1329   
   **Expected Output :**  
   Years: 3   
   Weeks: 33
5. Write a C program that accepts an employee's ID, total worked hours of a month and the amount he received per hour. Print the employee's ID and salary (with two decimal places) of a particular month.

**Test Data** :  
Input the Employees ID(Max. 10 chars): 0342   
Input the working hrs: 8   
Salary amount/hr: 150

**Output**:  
Employees ID = 0342   
Salary = U$ 120000.00

1. Write a C program that accepts three integers and find the maximum of three.
2. Write a C program to calculate the distance between the two points.



1. Write a C program that accepts 4 integers p, q, r, s from the user where q, r and s are positive and p is even. If q is greater than r and s is greater than p and if the sum of r and s is greater than the sum of p and q print "Correct values", otherwise print "Wrong values".
2. Write a C program that reads an integer and check the specified range where it belongs. Print an error message if the number is negative and greater than 80.

**Test Data** :  
 Input an intger: 15   
 **Expected Output:**  
 Range [0, 20]

1. Write a C program that read 5 numbers and sum of all odd values between them.
2. Write a C program that reads three floating values and check if it is possible to make a triangle with them. Also calculate the perimeter of the triangle if the said values are valid
3. Write a C program that reads an integer between 1 and 12 and print the month of the year in English.
4. Write a program in C to display the cube of the number upto given an integer.
5. Write a program in C to display the multiplication table of a given integer.
6. Write a program in C to display the pattern like right angle triangle using an asterisk.
7. Write a program in C to make such a pattern like right angle triangle with a number which will repeat a number in a row.

**The pattern like :**

**1**

**22**

**333**

**444**

1. Write a program in C to make such a pattern like a pyramid with numbers increased by 1

**The pattern like:**

**1**

**2 3**

**4 5 6**

**7 8 9 10**

1. Write a C program to calculate the factorial of a given number.

Input the number : 5   
**Expected Output :**   
The Factorial of 5 is: 120