

Lab 1

1. 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

2. 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

Days: 3

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

Test Data :

Input x1: 25

Input y1: 15

Input x2: 35

Input y2: 10

Expected Output:

Distance between the said points: 11.1803

4. Swap two numbers without using third variable.

Test Data :

a=25

b=15

Expected Output:

a=15

b=25