

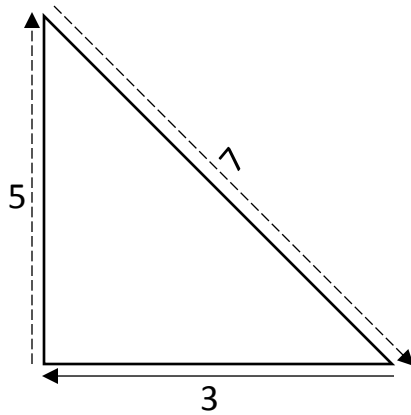
ENG 224 ASSIGNMENT

1. Write a C program to convert 1343 days into years, weeks and days (Note: Ignore leap year).
2. Write a C program to calculate the distance between the two points.
Note: x_1, y_1, x_2, y_2 are all double values.

Formula:

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

3. 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.



4. Write a C program to read age of 20 people and count total Baby age, School age and Adult age.

Hint:

- a) Still a baby- age 0 to 4
- b) Attending school - age 5 to 17
- c) Adult life-age 18 & over

[Using while loop]

5. Write a C-program to read a random number and then ask user to guess it (from 0 to 100).

Hint:

User guess correct number, which is to be generated randomly. The program will give 7 attempts to the user. On each attempt, program will inform the user that entered number is less than or greater than the random generated number.

Submission: Online by Monday 27th, 2020.