

C - Assignment 01 (100 pts)

Notes

Do the following for each exercise

- Create a main() function
- Use good variable names and coding style
- Include some simple comments

Exercise 01 (30 pts)

Write a program where you would ask users to input their age, then display the following line:

You are ??? years old

Where ??? is the age (the user input).

Exercise 02 (30 pts)

Let users input 5 integers a, b, c, d and e (the variables can be named this way in this exercise). Then compute the value of $\frac{a}{b} + \frac{c+d}{e}$ and print the answer using a fractional form (see “Sample run” below)

Note: we suppose that the integers entered by the user are all 1-digit numbers

Sample run:

Input a: 1
Input b: 2
Input c: 3
Input d: 4
Input e: 5

$$\frac{1}{2} + \frac{3+4}{5} = 1.9$$

Exercise 03 (40 pts)

Declare 2 variables representing the length and width of the rectangle. Prompt a message to the user and let them input their respective values. Create a third variable representing the area of the rectangle. Compute the area and save it in it. Finally, print the following:

The area of the rectangle is ???

Where ??? is the value of the area.