1. Simple operations and calculations. Primitive data types.

1.01. Write a program which initializes 2 variables and then swaps their values.

1.02. Write a program that calculates the length of the medians of a triangle, which is formed by the medians of a given triangle with sides a, b, c. Assume that such triangle with sides a, b, c exist.

1.03. Write a program which asks the user for his age and then prints the number of seconds, days, weeks, months he has lived on the Earth.

1.04. Write a program which asks the user for the lengths of sides of a triangle and prints the area of the triangle.

1.05. Write a program which asks the user for three numbers a, d and n and prints the sum of the first n numbers of arithmetic progression with starting number a and difference d.

1.06. Yana decides to make a party and goes to the alcohol market to buy beer, wine, brandy and whiskey. On the console she inputs the price of the whiskey (lv./liter), and the quantities of the products, which she has to buy (liters). Write a program that calculates how much money she needs to pay for the bill, knowing that:

- the price of the brandy is half-lower than this of the whiskey;

- the price of the wine is with 40% cheaper than this of the brandy;

- the price of the beer is with 80% cheaper than this of the brandy;

Print a single number on the console: the money that Yana needs to pay for the bill, formatted to the second digit after the floating point.