# A test of "programming for beginners" – 7 may 2017

## Task 1 . Alcohol Exchange

Pandu decides to make the party and goes to the beverage market to buy beer, wine, brandy and whiskey. **The console introduces the whiskey in BGN/l. and quantity of beer, wine, brandy and whisky**, **you need to purchase**. **To write a program that calculates how much money it needs** **to pay your Bill**, as you know, that:

        **the brandy**is **a** **half lower than that of the Whiskey**;

        **the price of the wine**is **40% lower than the price of brandy**;

        **the price of beer**with **80% less than the price of brandy**.

### Login

Be read from the console **5 line**:

**1.** **Price in leva whiskey – a real number in the interval [0.00 ... 10000.00] ;**

**2.** **Quantity in litres of beer – a real number in the interval [0. 00. 10000.00];**

**3.** **Quantity of wine in liters – a real number in the interval [0. 00. 10000.00];**

**4.** **Quantity of brandy in litres – a real number in the interval [0. 00. 10000.00];**

**5.** **Quantity of whiskey in litres – a real number in the interval [0. 00. 10000.00].**

### Exit

To print to the console **a number**:

        **the money, which are necessary**the Pathi, **formatted to the nearest second decimal**.

### Sample input and output

|  |  |  |
| --- | --- | --- |
| **Login** | **Exit** | **Explanations** |
| 50  10  3.5  6.5  1 | 315.00 | **Price of brandy**per liter: **25** EUR  **Price of wine**per liter: 25 – (0.4 \* 25) = **15** BGN.  **Price of beer**for the 25-litre (0.8 \* 25) = **5** EUR  **Amount of brandy**: 6.5 \* 25 = **162.50** EUR  **Amount of wine**: 3.5 \* 15 = **52.50** EUR  **Amount for beer**: 5 \* 10 = **50** LV.  **Amount for the Whiskey**: 1 \* 50 = **50** LV.  **Total**: 162.50 + 52.50 + 50 + 50 = **315**EUR |
| **Login** | **Exit** |  |
| 63.44  3.57  6.35  8.15  2.5 | 560.62 |  |