# A test of "fundamentals of programming" 19 March 2017 evening

## Task 1. Grapes and brandy

Write a program to calculate **how much money will a farmer** **from the sale of grapes and brandy**. For this purpose you will receive how much **square feet is the vineyard**, **how many pounds of grapes make a square meter** and **how much weight marriage there**. **The rest of the grapes** **45% is set aside for brandy** and **55% are selling**. **For 1 liter of brandy**takes**7.5 pounds of grapes**. **Liters of brandy costs Euro 9.80**, a **kilo of grapes – 1.50 BGL**. As a result, **print income from the proceeds of grape brandy and**.

### Login

Be read from the console **3 line**:

**1.** **The area of vineyard – a real čilso in the interval [1.00 .. 10000.00]**

**2.** **Pounds earned by the square meter – real čilso in the interval [1.00 .. 100.00]**

**3.** **Marriage – the real čilso in the interval [2.00 100 ...0. 00]**

### Exit

To be printed on the console **two numbers**each on a new line:

        **Revenue from brandy**

        **Income from grapes**

**Formatted to the second decimal place.**

### Sample input and output

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Login** | **Exit** | **Explanations** | **Login** | **Exit** |
| 400  10  200 | 2234.40  3135.00 | 400 m2- 10 kg of grapes = **4000 kg of grapes**  **Marriage 200 kg**  **remain 3800 kg**    **About 45% of brandy 3800 kg** **1710 kg**  **By 1710 kg go** 1710 kg/7.5 kg/l = **228 liters**  **Revenue** \* 228 kg 9.80 EUR = **2234.4 BGN**    **For sale 55% of 3800 kg** **2090 kg**  **Revenue  3135 BGN** | 1354.73  8.26  531.32 | 6267.34  8793.47 |