# A test of "programming for beginners" – 28 August 2016

## Task 1. Daily profit

Ivan is a programmer in **an American company** and **work** from home **an average of N days** **in the month** by earning **an average of $ M per day**. at the end of the year Ivan **receives a bonus**, which is **equivalent to 2.5 monthly salaries**. **By** **during the year earned his keep 25% taxes.**Write a program to **calculate how lean the average profit per day in BGN**, as he spends money in Bulgaria. It is assumed that in **the year there are exactly 365 days**. **The rate of the dollar** against the euro will **be read from the console**.

### Login

From the console read 3**numbers**:

        The **first row** – **working days in a month**. **An integer in the range** **[5... 30]**

        The **second row** – **earn money per day**. **Real number in the range [10. 00 pm. 2000.00]**

        The**third line – the rate of the dollar against the euro/dollar X 1 = BGN/.** **Real number in the interval [0.99... 1.99]**

### Exit

The console **to print 1 number** - **average profit per day in BGN**. The result **is FORMATTED to the second character after the comma.**

### Sample input and output

|  |  |  |  |
| --- | --- | --- | --- |
| **Login** | **Exit** | **Explanations** | |
| 21  75.00  1.59 | 74.61 | **1 monthly salary**= 21 \* 75 = **$1575**  **Annual income**= 1575 \* 12 + 1575 \* 2.5 = **$22837.5**  **Tax**= 25% of 22837.5 = **5709.375**  **Fresh annual income**= $17128.125 = **$27233.71875**  **Average profit per day =**27233.71875/365 = **74.61 BGN** | |
| **Login** | **Exit** | **Login** | **Exit** |
| 15  105  1.71 | 80.24 | 22  199.99  1.50 | 196.6 3 |

Testing of the solution: