# A test of "fundamentals of programming" 19 March 2016 evening

## Task 4. Monthly expenses

Write a program that **calculates the** **the average cost per month**per family **for a period of time**for **each month the costs are as follows**:

        For **current** - **every month is different**, will read from the console

        for **water** – **$20**

        for **the Internet** – **15 BGN**

        for **others** – **collect the power, water and Internet for months** and **Add to the amount of 20%.**

**For each item of expenditure**you need to calculate **how many total paid for all months**.

### Login

The input is read from the console:

        **First line** – **the months** for which you are looking for average cost – **an integer**in the range**[1 .. 100]**

        **For each month**– **the electric bill** – **a real number**in the interval **[1.00...1000.00]**

### Exit

To print to the console **5 the line:**

        **1st row**:**"Electricity: {current for all months} lv"**

        **2nd row: "Water : {water for all months} lv "**

        **3rd row: "Internet : {the Internet for all months} lv "**

        **4th row: "Other : {other all months} lv "**

        **5th row: "Average : {all costs for an average month} lv "**

**All the numbers**must be **formatted to the second character after the comma.**

### Sample input and output

|  |  |  |
| --- | --- | --- |
| **Login** | **Exit** | **Explanations** |
| 5  68.63  89.25  132.53  93.53  63.22 | Electricity: 447.16 lv  Water: 100.00 lv  Internet: 75.00 lv  Other: 746.59 lv  Average: 273.75 lv | **About 5 months ago**:  **Current** 68.63 + 89.25 + + + 93.53 132.53 63.22 = **447.16 BGN**  **Water** 5 months on $20 = **$100**  **Internet** po15 5 months = **$75**  **Other** *(+ 68.63 20 + 15) + 20% = 124.356* **total $746.592**  *(89.25 + 20 + 15) + 20% = 149.1*  *(132.53 + 20 + 15) + 20% = 201.036*  *(93.53 + 20 + 15) + 20% = 154.236*  *(63.22 + 20 + 15) + 20% = 117.864*    **Average per month** *(447.16 + 100 + 75 + 746.592)/5*= **273.7504 BGN** |
| **Login** | **Exit** | |
| 8  123.54  231.54  140.23  100  122.4  430  178.52  64.2 | Electricity: 1390.43 lv  Water: 160.00 lv  Internet: 120.00 lv  Other: 2004.52 lv  Average: 459.37 lv | |