# A test of "fundamentals of programming"-17 September

## Task 3. Mobile operator

Mobile operator offers contracts with different monthly fee depending on the period-1 or 2 years. To write a program that calculates the amount to be paid for a certain number of months.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| term/type | **Small** | **Middle** | **Large** | **Extra Large** |
| **1 year** | $9.98. | $18.99. | $25.98. | $35.99. |
| **2 years ago** | $8.58. | $17.09. | $23.59. | $31.79. |

**Conditions:**

        **with mobile Internet, added to the fee is added:**

 **in the amount less than or equal to $10.00.  5.50 EUR**

 **in an amount less than or equal to from 30.00 EUR  $4.35.**

 **in an amount greater than $30.00.  $3.85.**

        **If the contract for two years, the total amount is reduced by 3.75%**

### Login

From the console read **3 rows**:

1. **term of contract**– **text**- **"** **one "**, or **"two"**

2. **type of contract – text**- **"Small", "Middle", "Large" or "Extra Large" ;**

3. **added Internet**– **text**- **"** **yes "**, or **"no"**

4. **number of months of payment-an integer in the range [1 ... 24]**;

### Exit

The console prints **1 line**:

                **The price you paid for the client**, **formatted to the second decimal place**, in the following format: **"{price} lv."**

### Sample input and output

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Login** | **Exit** | **Explanations** | | | |
| one  Small  yes  10 | 154.80 lv. | **The contract for 1 year and type**Small **is $9.98.**  **Together with the mobile Internet: 9.98 + 5.50 = £ 15.48.**  **discount**there is no  **Final price**: 15.48 10 months = **$154.80.** | | | |
| **Login** | **Exit** | **Login** | **Exit** | **Login** | **Exit** |
| two  Large  no  10 | 227.05 lv. | two  ExtraLarge  yes  20 | 686.07 lv. | two  Small  yes  20 | 271.04 lv. |