# A test of "fundamentals of programming" 19 March 201 7 evening

## Task 3. Trucker

Write a program that calculates **how much money you will get driver** of TIR **for one season**. **At the entrance** the program gets in **any season will run** the driver, as well as **how many miles per month** driving. **A season is 4 months**  . According to **the season and depends on the number of miles per month** will **be charged a different amount per kilometer**:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Spring/Autumn** | **Summer** | **Winter** |
| miles a month **< = 5000** | **EUR 0.75/km** | **$0.90/km** | **1.05 EUR/km** |
| **5000 <**miles a month **< = 10000** | **0.95 EUR/km** | **1.10 EUR/km** | **1.25 EUR/km** |
| **10000 <**miles a month **< = 20000** | **1.45 EUR/km – for any season** | | |

Once you have**taken out 10% for taxes** shall be **printed the rest of the money**.

### Login

The input is read from the console and consists of **two rows**:

        **The first row**– **Season** – **text** " **Spring**" , " **Summer**" , " **Autumn**" or " **Winter**"

        **The second line**– **Miles per month** – **a real number** in the interval **[10.00.20000.00]**

### Exit

The console must be printed **a number:**

        **The driver's salary after taxes, formatted to the nearest second decimal.**

### Sample input and output

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Login** | **Exit** | **Explanations** | | | |
| Summer  3455 | 11194.20 | **3455**< = 5000  enters in **the first space**  The season is **summer**  receives **$0.90/km**  **Salary:**3455 \* 0.90 = 3109.5 \* **4 months-10% taxes** = **11194.2** | | | |
| **Login** | **Exit** | **Login** | **Exit** | **Login** | **Exit** |
| Winter  4350 | 16443.00 | Winter  5678 | 25551.00 | Winter  16042 | 83739.24 |
| **Login** | **Exit** | **Login** | **Exit** | **Login** | **Exit** |
| Spring  1600 | 4320.00 | Autumn  8600 | 29412.00 | Spring  16942 | 88 437.24 |