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

## Task 3. Vacation

Write a program that **compared to a budget and season** to calculate **the price, the location and the place of accommodation** for the holiday Seasons are summer. winter – "**Summer**" and "**Winter**". Locations are – "**Alaska**" and "**Morocco**". The possible properties – "**Hotel**", "**Hut**" or "**Camp**".

        In the **budget, or less** than **$1000.**:

o Accommodation in **"Camp"**

o **According to the season the location**will be one of the following and will **cost a certain percentage of the budget**:

  **Summer**– **Alaska** – **65% of the budget**

  **Winter**– **Morocco** – **45% of the budget**

        With a budget **greater than $1000**. And  **less than or equal** of **3000 EUR**.:

o Accommodation in **"Hut"**

o **According to the season the location**will be one of the following and will **cost a certain percentage of the budget**:

  **Summer**– **Alaska** – **80% of the budget**

  **Winter**– **Morocco** – **60% of the budget**

        With a budget **greater than $3000**.:

o Accommodation in **"Hotel"**

o **According to the season the location**will be one of the following and **costs** **90% of the budget**:

  **Summer**– **Alaska**

  **Winter**– **Morocco**

### Login

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

        **The first row**– **Budget** – **a real number** in the range **[10:00 ... 10000.00]**

        **The second line**– **Season** – **text** " **Summer**" or " **Winter**"

### Exit

The console should print **one line**.

**"{ location } – { accommodation } - { price } "**

**The price must be formatted to the second decimal place.**

### Sample input and output

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Login** | **Exit** | **Explanations** | | | |
| 800  Summer | Alaska - Camp - 520.00 | **800 <= 1000 EUR**.  accommodation **" Camp "**  The season is **summer**  "**Alaska**"; The price is  **65%** of **800 = 520** | | | |
| **Login** | **Exit** | **Login** | **Exit** | **Login** | **Exit** |
| 799.50  Winter | Morocco - Camp - 359.78 | 1100  Summer | Alaska - Hut - 880.00 | 2543.99  Winter | Morocco - Hut - 1526.39 |
| **Login** | **Exit** | **Login** | **Exit** |  | |
| 3460  Summer | Alaska - Hotel - 3114.00 | 5000  Winter | Morocco - Hotel - 4500.00 |  | |