**Problem 2 – Travel Investigation**

*Mariyka has gathered some money already and now it’s time for our next step. We need to make some investigation about the travel companies and pick some.*

Write a JavaScript program that finds **specific unique companies** in a text. We need to **filter** our text so that we **separate** the **valid** and **invalid** sentences. Our **companies** will be separated by **exact delimiter**. The **rest of the input** will be **strings** which will be the text we will have to filter.

As **input** we will receive **array of strings**. On the **first** index of our array we always will be given the **companies** which will be a string  **separated by** the given on the **second** index **delimiter,** **followed by the sentences** we need to process.

The companies will always be given **to lower.**

Each string will consist of the following information with format:

**[ “company1@, company2@, company3”,**

**“@, “,**

**“some text company1 more text company2 some more text company3”]**

As **output** you need to print the **valid sentences in format – “ValidSentences”** followed by the numbered sentences each on a new line, a separator between the valid and invalid sentences in this case **30x”=“,** followed by the **“InvalidSentences”** each on a new line and numbered.

**Have in mind** that there might be case of **all** **Valid or all Invalid sentences.**

**We consider Valid, a sentence which has all of the companies.**

**Input**

You will receive **one argument –** an **array strings** as shown above.

**Output**

Print on the **console** the **Valid** sentences if you found any, the delimiter shown above and the **Invalid** sentences if you found any.

**Constraints**

* The **number** of **sentences** in the **input argument** will be in range **[1..15] inclusive**
* There **will** be **no invalid** **input**
* There **will** be **no repeated companies**

**Examples**

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| **Input** |
| **["bulgariatour@, minkatrans@, koftipochivkaltd",**  **"@,",**  **"Mincho e KoftiPochivkaLTD Tip 123 ve MinkaTrans BulgariaTour",**  **"dqdo mraz some text but is KoftiPochivkaLTD MinkaTrans",**  **"someone continues as no "]** |
| **Output** |
| **ValidSentences**  **1.mincho e koftipochivkaltd tip 123 ve minkatrans bulgariaatour**  **==============================**  **InvalidSentences**  **1. dqdo mraz some text but is koftipochivkaltd minkatrans**  **2. someone continues as no** |

|  |
| --- |
| **Input** |
| **["bulgariatour@, minkatrans@, koftipochivkaltd",**  **"@,",**  **"Mincho e KoftiPockivkaLTD Tip 123 ve MinkaTrans BulgariaTour",**  **"We will koftipochivkaLTD travel e expenses no MinkaTrans mu e BulgariaTour",**  **"dqdo BuLGariaTOUR mraz some text but is KoftiPochivkaLTD minkaTRANS"]** |
| **Output** |
| **ValidSentences**  **1. mincho e koftipochivkaltd tip 123 ve minkatrans bulgariatour**  **2. we will koftipochivkaltd traavel e expenses no minkatrans mu e bulgariatour**  **3. dqdo bulgariatour mraz some text but is koftipochivkaltd minkatrans** |