You have a small business - **manufacturing phones** and to run your business you need to create phone software. The software should support two main phone **models with the following functionality:**

* **Smartphone:** 
  + - * Can **calling other phones.**
      * Can **browsing in the world wide web.**
* **Stationary phone**:
  + - * Can **only call other phones.**

You should start the project by implementing two **classes**:

* **The Smartphone** can **call other phones** and **browse the world wide web**.
* **The StationaryPhone** can only **call other phones**.

You should also implement **interfaces for each class with the appropriate methods**.

### Input

The input comes from the console. It will hold two lines:

* **The First line** consists of **phone numbers**: a **string**, separated by spaces.
* **The Second** line consists **of websites: a string**, separated by spaces.

### Output

1. First, **call all valid numbers** in the order of input:
   * If there is a character different from a digit in a number, print: **"Invalid number!"** and continue with the next number.
   * If the number is **10 digits long**, you are making a call from your smartphone and print: "**Calling... {number}"**
   * If the number is 7 **digits long**, you are making a call from your stationary phone and print: " **Dialing... {number}"**
2. Next, **browser all valid websites** in the order of input:

* If there is a number in the input of the URLs, print: **"Invalid URL!"** and continue with the next URLs.
* If the URL is valid, print on the console the website in the format: **"Browsing: {site}!"**

### Constraints

* Each site's URL should consist only of letters and symbols (**No digits are allowed** in the URL address).
* The phone numbers will always be 7 or 10 digits long.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 0882134215 0882134333 0899213421 0558123 3333123  http://softuni.bg http://youtube.com http://www.g00gle.com | Calling... 0882134215  Calling... 0882134333  Calling... 0899213421  Dialing... 0558123  Dialing... 3333123  Browsing: http://softuni.bg!  Browsing: http://youtube.com!  Invalid URL! |