## Problem 1-Encoded Cryptocurrency

**Environment Specifics**

Please be aware that every JS environment may **behave differently** when executing code. Certain things that work in the browser are not supported in **Node.js**, which is the environment used by **Judge**.

The following actions are **NOT** supported:

* **.forEach()** with **NodeList** (returned by **querySelector()** and **querySelectorAll()**)
* **.forEach()** with **HTMLCollection** (returned by **getElementsByClassName()** and **element.children**)
* Using the **spread-operator** (**...**) to convert a **NodeList** into an array
* **append()** in Judge (use only **appendChild()**)
* **prepend()**
* **replaceWith()**
* **replaceAll()**
* **closest()**
* **replaceChildren()**
* Always turn the collection into a **JS array** (forEach, forOf, et.)

If you want to perform these operations, you may use **Array.from()** to first convert the collection into an array.

*You have a scripted secret information about an innovative cryptocurrency with potential to make you a millionaire!*

Write a program that performs a series of commands in order to decode that information. First, you will receive a **string** with an encoded message, and afterwards, until the command "**Buy**" is given, you will be receiving strings with commands split by a question mark. The **commands** will be the following:

## **"TakeEven"**

* + The encoded message is changed to consist only of its characters at **even** **indices**. Then, the updated message is printed.

## **"ChangeAll?{substring}?{replacement}":**

* + Changes **all occurrences** of the given **substring** in the message with the **replacement text** and then **prints** the message.

## **"Reverse?{substring}":**

* + If the message contains the given **substring**, **cut it out**, **reverse** it and **add** it at the **end** of the message. Then, print the updated message.
  + Otherwise, print "error".
  + This operation should replace only the first occurrence of the given **substring** **if there are two or more occurrences**.

## Input

* You will be receiving strings until the "**Buy**" command is given.

## Output

* After the "Buy" command is received, **print**:
  + "The cryptocurrency is: {message}"

## Constraints

* All given **commands** will be **valid**.
* **Aways** will recive encoded message

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["z2tdsfndoctsB6z7tjc8ojzdngzhtjsyVjek!snfzsafhscs",  "TakeEven",  "Reverse?!nzahc",  "ChangeAll?m?g",  "Reverse?adshk",  "ChangeAll?z?i",  "Buy"]) | ztsnotBztcoznztsVe!nzahc  ztsnotBztcoznztsVechazn!  ztsnotBztcoznztsVechazn!  error  itsnotBitcoinitsVechain!  The cryptocurrency is: itsnotBitcoinitsVechain! |
| **Input** | **Output** |
| (["PZDfA2PkAsakhnefZ7aZ",  "TakeEven",  "TakeEven",  "TakeEven",  "ChangeAll?Z?X",  "ChangeAll?A?R",  "Reverse?PRX",  "Buy"]) | PDAPAaheZa  PAAhZ  PAZ  PAX  PRX  XRP  The cryptocurrency is: XRP |