## Problem 1 - World Tour

**11:40 – 12:05**

Problem for exam preparation for the [Programming Fundamentals Course @SoftUni](https://softuni.bg/courses/programming-fundamentals-csharp-java-js-python).

Submit your solutions in the SoftUni judge system at <https://judge.softuni.org/Contests/Practice/Index/2518#0>.

*You are a world traveler, and your next goal is to make a world tour. To do that, you have to plan out everything first. To start with, you would like to plan out all of your stops where you will have a break.*

On the **first line,** you will be given a string containing all of your **stops**. Until you receive the command **"Travel"**, you will be given some commands to **manipulate** that initial string. The **commands can be**:

* **"Add Stop:{index}:{string}"**:
  + **Insert** the given **string** at that **index** only if the index **is valid**
* **"Remove Stop:{start\_index}:{end\_index}"**:
  + **Remove** the elements of the string from the **starting index** to the **end index** (**inclusive**) if **both** indices are **valid**
* **"Switch:{old\_string}:{new\_string}"**:
  + If the **old string** is in the initial string, **replace** it with the **new one** (all **occurrences**)

***Note: After each command, print the current state of the string if it is valid!***

After the **"Travel"** command, print the following: **"Ready for world tour! Planned stops: {string}"**

### Input / Constraints

* **JavaScript**: you will receive a **list of strings**
* An **index is valid** if it is **between the first and the last element index (inclusive) (0 ….. Nth)** in the sequence**.**

### Output

* Print the proper output messages in the proper cases as described in the problem description

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Hawai::Cyprys-Greece  Add Stop:7:Rome  Remove Stop:11:16  Switch:Hawai:Bulgaria  Travel | Hawai::RomeCyprys-Greece  Hawai::Rome-Greece  Bulgaria::Rome-Greece  Ready for world tour! Planned stops: Bulgaria::Rome-Greece |

### JS Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["Hawai::Cyprys-Greece",  "Add Stop:7:Rome",  "Remove Stop:11:16",  "Switch:Hawai:Bulgaria",  "Travel"]) | Hawai::RomeCyprys-Greece  Hawai::Rome-Greece  Bulgaria::Rome-Greece  Ready for world tour! Planned stops: Bulgaria::Rome-Greece |