## Take/Skip Rope

Write a program, which reads a **string** and **skips** through it, extracting a **hidden message**. The algorithm you should implement is as follows:

Let us take the string “skipTest\_String044170” as an example.

Take every **digit** from the string and **store it** somewhere. After that, **remove** all the digits from the string. After this operation, you should have **two lists of items** - the **numbers list** and the **non-numbers list**:

* Numbers' list: [0, 4, 4, 1, 7, 0]
* Non-numbers: [s, k, i, p, T, e, s, t, \_, S, t, r, i, n, g]

After that, take every digit in the **numbers list** and split it up into a **take list** and a **skip list**, depending on whether the digit is in an **even** or an **odd** index:

* Numbers' list: [0, 4, 4, 1, 7, 0]
* Take list: [0, 4, 7]
* Skip list: [4, 1, 0]

Afterwards, **iterate** over both lists:

* **First**, **take m** characters from the **non-numbers list** and store it in a **result string**
* **Then,** **skip** n characters from the **non-numbers list**

Note that the skipped characters are **summed up** as they go. The process would look like this:

1. Current string: **"skipTest\_String"**. Take **0** characters and skip **4** characters:

* Taken string: **""**
* Skipped string: "skip"

1. The remaining string looks like this: **"**Test\_String". Take **4** characters and skip **1** character:
   * Taken string: **"Test"**
   * Skipped string: **"\_"**
2. The string looks like this: **"**String**"**. Take **7** characters and skip **0** characters:
   * Taken string: **"String"**
   * Skipped string: **""**
3. The final string is **"TestString"**.

After that, print the **final string** on the console.

### Constraints

* The count of digits in the input string will **always be even**.
* The encrypted message will contain any printable ASCII character.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| T2exs15ti23ng1\_3cT1h3e0\_Roppe | TestingTheRope |
| O{1ne1T2021wf312o13Th111xreve!!@! | OneTwoThree!!! |
| this forbidden mess of an age rating 0127504740 | hidden message |