# Problem 2 – Memory View

As a Gamer, Pesho is thrilled with source code and is excited to have deeper understanding of the games code, so he started digging in the memory view. But because he can`t read it, you should write a programm which transforms the memory display in readable form.

Untill you receive **"Visual Studio crash"** you will be receiving lines from the memory view in 2-byte integer unsigned display. **Each line** consists of exactly 22 integers, separated by whitespace. You should find every string in the whole input and print them on the console.

Every string starts with -> "32656 19759 32763"

After the pointer there is one zero and the size of the string -> "0 5"

After the size of string there is one more zero and on the next n columns are the integers for

each character -> **" 0 80 101 115 104 111"**

The above example is the string "Pesho".

You must find all strings and display them on the console, using the **ASCII code for each character.**

## Input

* The input will consist of **several** **lines of 22 integers, separated by spaces**.

## Output

* You should print on a new line every string you`ve found in the input in their order of appearance.

## Constraints

* The lines of the input may contain any 32-bit integer in the range [0 – 32763].
* The input will allways be valid.
* Allowed working **time** / **memory**: **100ms** / **16MB**.

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 32656 19759 32763 0 5 0 80 101 115 104 111 0 0 0 0 0 0 0 0 0 0 0  0 32656 19759 32763 0 7 0 83 111 102 116 117 110 105 0 0 0 0 0 0 0 0  Visual Studio crash | Pesho  Softuni |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 32656 19759 32763 0  5 0 80 101 115 104 111 0 0 0 0 0 0 0 0 0 32656 19759 32763 0 4 0  75 105 114 111 0 0 0 0 0 0 0 0 0 0 32656 19759 32763 0 8 0 86 101  114 111 110 105 107 97 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  Visual Studio crash | Pesho  Kiro  Veronika |