# Programming Fundamentals Final Exam - 07 December 2019 Group 1

# <https://judge.softuni.bg/Contests/Practice/Index/1928#0>

# Email Validator

*Your friend has hired you to help him with his website creation. Your current task is to create an Email Validator.*

Create a program that manipulates a string and makes it suitable for an Email. First, you are going to **receive** **the email** that the user wants to use, then you will receive commands.

You will be receiving **commands** until the "**Complete**" command. There are **six** possible commands:

* **"Make Upper"**
  + **Replace** all letters with upper case, then **print** the result.
* **"Make Lower"**
  + **Replace** all letters with lower case, then **print** the result.
* "**GetDomain {count}**
  + Print **the last {count}** characters of the Email**.**
* "**GetUsername"**
  + Print **the substring** from the **start of the Email** until the **@ symbol**.
  + If the Email doesn’t contain the **@** symbol, **print:**

**"The email {email} doesn't contain the @ symbol."**

* "**Replace {char}"**
  + **Replace** all occurences of the **{char}** with **a dash "-"** and **print** the result.
* "**Encrypt"**
  + **Get** the **ASCII** value of each symbol. Print the result on a single line separated by a single space

## Input

* On the **1st line** you are going to receive the **Email in the form of a string**.
* On the next **lines**, until the **"Complete"** command is received, you will be receiving commands.

## Output

* **Print** the **output** of every **command** in the **format** **described** **above**.

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Mike123@somemail.com  Make Upper  GetDomain 3  GetUsername  Encrypt  Complete | MIKE123@SOMEMAIL.COM  COM  MIKE123  77 73 75 69 49 50 51 64 83 79 77 69 77 65 73 76 46 67 79 77 |
| **Input** | **Output** |
| AnotherMail.com  Make Lower  GetUsername  Replace a  Complete | anothermail.com  The email anothermail.com doesn't contain the @ symbol.  -notherm-il.com |