## Digits, Letters and Other

Write a program which receives a **single** **string**. On the **first** **line** it should print **all the digits found in the string**, on the **second** – **all the letters**, and on the **third** – **all the other characters**. There will **always** be at least one digit, one letter and one other characters.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Agd#53Dfg^&4F53 | 53453  AgdDfgF  #^& |