- **EASY**
- **Max Score: 30 Points**

Camel Case Words

One of the important aspect of object oriented programming is readability of the code. To enhance the readability of code, developers write function and variable names in Camel Case. You are given a string, s, written in Camel Case. Find All The Words Contained In It.

Print each word in a newline in the order as they appear in the original string s

Input Format

First line contains a string s

Output Format

Print each word in a newline

Example 1

Input

```
IAmAJavaProgrammer
```

Output

```
I
Am
A
Java
Programmer
```

Constraints

1 <= s.size() <= 500

My code

```java
// in java
import java.util.*;

public class Main {
    public static void CamelCaseWords(String s) {
        //Write your code here
        int n=s.length();
        System.out.print(s.charAt(0));
        for(int i=1;i<n;i++)
        {
            int j=(int)s.charAt(i);
            if(j<96)
                System.out.println("");
            System.out.print(s.charAt(i));
        }

    }
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String s = sc.nextLine();
        CamelCaseWords(s);
    }
```

}