# More Exercises: Strings and Text Processing

Problems for exercises and homework for the ["Programming Fundamentals" course @ SoftUni](https://softuni.bg/courses/programming-fundamentals).

You can check your solutions in [Judge](https://judge.softuni.bg/Contests/1674/Text-Processing-More-Exercise).

## Extract Person Information

Write a program that reads **n** lines of strings and extracts the **name** and **age** of a given person. The name of the person will be **between '@'** and **'|'**. The person’s **age** will be **between '#'** and **'\*'**. **Example: "Hello my name is @Peter| and I am #20\* years old." For each** found name and age **print** a line in the following format **"{name} is {age} years old."**

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2  Here is a name @George| and an age #18\*  Another name @Billy| #35\* is his age | George is 18 years old.  Billy is 35 years old. |
| 3  random name @lilly| random digits #5\* age  @Marry| with age #19\*  here Comes @Garry| he is #48\* years old | lilly is 5 years old.  Marry is 19 years old.  Garry is 48 years old. |

## Ascii Sumator

Write a program that prints a **sum of all characters between two given characters** (their **ascii code**). On the **first line** you will get a **character**. On the **second line** you get **another character**. On the **last line** you get a **random string**. Find all the characters **between the two given** and **print their ascii sum**.

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| .  @  dsg12gr5653feee5 | 363 |
| ?  E  @ABCEF | 262 |

## 5.HTML

You will receive **3 lines** of input. On the **first line** you will receive a **title of an article**. On the **next line** you will receive the **content of that article**. On the next **n** lines until you receive **"end of comments"** you will get the **comments about the article**. Print the **whole information in html format**. The **title** should be in **"h1" tag (<h1></h1>);** the **content** in **article tag (<article></article>);** each **comment** should be in **div tag (<div></div>).** For more clarification see the example below

### Example

|  |  |
| --- | --- |
| **Input** | **Output** |
| SoftUni Article  Some content of the SoftUni article  some comment  more comment  last comment  end of comments | <h1>  SoftUni Article  </h1>  <article>  Some content of the SoftUni article  </article>  <div>  some comment  </div>  <div>  more comment  </div>  <div>  last comment  </div> |