# Problem 2 - Boss Rush



Create a program that **checks** if **inputs** are **valid**. On the **first** line, you will **receive** a **number** that **indicates** how **many inputs** you will **receive** on the **following** lines.

You will read lines with a boss name and title, and you should check if they are valid, considering the following rules:

* **Boss** - the name should be
* In **upper case letters**
* Minimum **four letters long**
* Surrounded by **"|"**
* **Title** – should:
* It contains **exactly 2 words,** and they **contain** only alphabetical letters and **1 whitespace** between them.
* Surrounded by **"#"**
* The name and title **should be split by a single ":"**

**Example for a valid input:** **|GEORGI|:#Lead architect#**

If the input is valid. Print in the following format:

**"{boss name}, The {title}**

**>> Strength: {length of the name}**

**>> Armor: {length of the title}"**

If the input is invalid, print **"Access denied!"**

## Input / Constraints

* On the **1st line**, you will receive the **number** of inputs.
* On the following **n lines**, you will have to **check** if a boss has a **valid name and title**.

## Output

* **Print** the **output** with the **format described above.**

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 3  |PETER|:#Lead architect#  |GEORGE|:#High Overseer#  |ALEX|:#Assistant Game Developer# | PETER, The Lead architect  >> Strength: 5  >> Armor: 14  GEORGE, The High Overseer  >> Strength: 6  >> Armor: 13  Access denied! |
| 3  |STEFAN|:#H1gh Overseer#  |IVAN|:#Master detective#  |KARL|: #Marketing lead# | Access denied!  IVAN, The Master detective  >> Strength: 4  >> Armor: 16  Access denied! |