**Mountain Peak**

May is a geographer who just received an overhead view of a mountain. She was given the honorable task to see how tall the mountain peak is. The picture of the mountain is given as shown:

Text

Description automatically generatedText

Description automatically generatedText

Description automatically generatedText

Description automatically generated

As you can see from this example, the peak of the mountain is **3**. Do you think you could help May find the peak height of the mountain?

**Input:** The first line of input contains **R** and **C**, the rows and columns of the input. The next **R** lines contain either spaces or ‘^’ and each line is of length **C**.

**Output:** The maximum height of the mountain.

**Example Input:**

7 14

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**Example Output:**

3

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