# Mirror String

You will be given a **single string**. Your job is to write a program that finds the **longest subsequence** in the given one that is a **palindrome** (mirror string)

### Input

* You will receive a **single line** with the **string**

### Output

* Print the **longest substring** that is a **palindrome**

### Examples

|  |  |
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| **Input** | **Output** |
| AB**B**D**CACB** | BCACB |
| C**RE**H**P**HJ**APER** | REPAPER |