**HTML entity parser** is the parser that takes HTML code as input and replace all the entities of the special characters by the characters itself.

The special characters and their entities for HTML are:

* **Quotation Mark:** the entity is &quot; and symbol character is ".
* **Single Quote Mark:** the entity is &apos; and symbol character is '.
* **Ampersand:** the entity is &amp; and symbol character is &.
* **Greater Than Sign:** the entity is &gt; and symbol character is >.
* **Less Than Sign:** the entity is &lt; and symbol character is <.
* **Slash:** the entity is &frasl; and symbol character is /.

Given the input text string to the HTML parser, you have to implement the entity parser.

Return *the text* after replacing the entities by the special characters.

**Example 1:**

**Input:** text = "&amp; is an HTML entity but &ambassador; is not."

**Output:** "& is an HTML entity but &ambassador; is not."

**Explanation:** The parser will replace the &amp; entity by &

**Example 2:**

**Input:** text = "and I quote: &quot;...&quot;"

**Output:** "and I quote: \"...\""

**Example 3:**

**Input:** text = "Stay home! Practice on Leetcode :)"

**Output:** "Stay home! Practice on Leetcode :)"

**Example 4:**

**Input:** text = "x &gt; y &amp;&amp; x &lt; y is always false"

**Output:** "x > y && x < y is always false"

**Example 5:**

**Input:** text = "leetcode.com&frasl;problemset&frasl;all"

**Output:** "leetcode.com/problemset/all"

**Constraints:**

* 1 <= text.length <= 10^5
* The string may contain any possible characters out of all the 256 ASCII characters.