

## string parser

**Source:** <http://coding.derkeiler.com/Archive/C/ CPP/comp.lang.cpp/2004-08/2454.html>

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Hi,

I have many strings. I have to sort them. But sorting is not according to ascii but according to a different format (which keeps varying) . So i can sort them based on sort-order. It is not much of a problem.

But the complex part is "equivalent-values". it can be defined that "ai" and "ae" are equivalent-values. Then, while sorting two strings, i have to consider that "ai" and "ae" are equal.....only if they come at same position in both the strings....

For EX1:

str1 – dfahaesdhfkj

str2 – dfahaisds

In str1, ae appears at position 4 and 5

In str2, ai appears also at position 4 and 5....

So they are equivalent.....And i can replace ae in str1 with ai.....

EX2:

str3 – haehasdg

str4 – hhsdaiskdn

In str3, ae appears at position 1 and 2

In str4, ai appears also at position 4 and 5....

So here the rule "equivalent-values" does not apply.....So i cant replace "ae" in str3 with "ai".....

In short, the "equivalent-values" applies only when the "position-matches"...

To add to that such equivalent values are many.....

So can you please suggest me some way of solving this problem ....

regards,

Raghavendra