

Description

`soundex(s)` returns the soundex code for a string, *s*. The soundex code consists of a letter followed by three numbers: the letter is the first letter of the name and the numbers encode the remaining consonants. Similar sounding consonants are encoded by the same number.

`soundex_nara(s)` returns the US Census soundex code for a string, *s*. The soundex code consists of a letter followed by three numbers: the letter is the first letter of the name and the numbers encode the remaining consonants. Similar sounding consonants are encoded by the same number.

When *s* is not a scalar, these functions return element-by-element results.

Syntax

string matrix `soundex(string matrix s)`

string matrix `soundex_nara(string matrix s)`

Remarks and examples

`soundex("Ashcraft")` returns "A226".

`soundex_nara("Ashcraft")` returns "A261".

Conformability

`soundex(s)`, `soundex_nara(s)`:

s: $r \times c$
result: $r \times c$

Diagnostics

None.

Also see

[M-4] **String** — String manipulation functions

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