# Title

**soundex( ) —** Convert string to soundex code

## Syntax

> *string matrix*          soundex(*string matrix s*)
>
> *string matrix*  soundex_nara(*string matrix s*)

## 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 U.S. 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.

## 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