soundex() — Convert string to soundex code

### 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.

### 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):

<table>
<thead>
<tr>
<th></th>
<th>r × c</th>
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<tbody>
<tr>
<td>s:</td>
<td></td>
</tr>
<tr>
<td>result:</td>
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### Diagnostics

None.

### Also see

[M-4] String — String manipulation functions