

Utf8.gmatch

This function returns a pattern finding iterator for UTF-8 strings. The iterator will search through the string **input** looking for instances of the pattern you passed. For more information on iterators read the [ForTutorial](#) and [IteratorsTutorial](#).

Syntax

```
iterator utf8.gmatch ( string input, string pattern )
```

Required Arguments

- **input:** A string character sequence
- **pattern:** A string match pattern

Returns

Returns an *function* for iterations on the **input** string by using the passed **pattern** string.