Returns	If c is a lower-case letter, returns the corresponding upper-case letter. If c isn't a lower-case letter, returns c unchanged.	*23.5*

towctrans

Transliterate Wide Character (C99)   `<wctype.h>`

```
wint_t towctrans(wint_t wc, wctrans_t desc);
```

Returns   Mapped value of wc using the mapping described by desc. (desc must be a value returned by a call of wctrans; the current setting of the LC_CTYPE category must be the same during both calls.)   *25.6*

towlower

Convert Wide Character to Lower Case (C99)   `<wctype.h>`

```
wint_t towlower(wint_t wc);
```

Returns   If iswupper(wc) is true, returns a corresponding wide character for which iswlower is true in the current locale, if such a character exists. Otherwise, returns wc unchanged.   *25.6*

towupper

Convert Wide Character to Upper Case (C99)   `<wctype.h>`

```
wint_t towupper(wint_t wc);
```

Returns   If iswlower(wc) is true, returns a corresponding wide character for which iswupper is true in the current locale, if such a character exists. Otherwise, returns wc unchanged.   *25.6*

trunc

Truncate to Nearest Integral Value (C99)   `<math.h>`

```
        double trunc(double x);
truncf  float truncf(float x);
truncl  long double truncl(long double x);
```

Returns   x rounded to the integer (in floating-point format) nearest to it but no larger in magnitude.   *23.4*

ungetc

Unread Character   `<stdio.h>`

```
int ungetc(int c, FILE *stream);
```

Pushes the character c back onto the stream pointed to by stream and clears the stream's end-of-file indicator. The number of characters that can be pushed back by consecutive calls of ungetc varies; only the first call is guaranteed to succeed. Calling a file positioning function (fseek, fsetpos, or rewind) causes the pushed-back character(s) to be lost.

Returns   c (the pushed-back character). Returns EOF if an attempt is made to push back EOF or to push back too many characters without a read or file positioning operation.   *22.4*

ungetwc

Unread Wide Character (C99)   `<wchar.h>`

```
wint_t ungetwc(wint_t c, FILE *stream);
```

Wide-character version of ungetc.   *25.5*