lround Round to Nearest Long Integer (C99) <math.h> long int lround(double x); long int lroundf(float x); lroundf lroundl long int lroundl(long double x); x rounded to the nearest integer, with halfway cases rounded away from zero. If Returns the rounded value is outside the range of the long int type, the result is unspecified and a domain or range error may occur. 23.4 malloc Allocate Memory Block <stdlib.h> void *malloc(size t size); Allocates a block of memory with size bytes. The block is not cleared. A pointer to the beginning of the block. Returns a null pointer if a block of the Returns requested size can't be allocated. 17.2 mblen Length of Multibyte Character <stdlib.h> int mblen(const char *s, size t n); Returns If s is a null pointer, returns a nonzero or zero value, depending on whether or not multibyte characters have state-dependent encodings. If s points to a null character, returns zero. Otherwise, returns the number of bytes in the multibyte character pointed to by s; returns -1 if the next n or fewer bytes don't form a valid multibyte character. *25.2* mbrlen Length of Multibyte Character – Restartable (C99) <wchar.h> size_t mbrlen(const char * restrict s, size_t n, mbstate t * restrict ps); Determines the number of bytes in the array pointed to by s that are required to complete a multibyte character. ps should point to an object of type mbstate t that contains the current conversion state. A call of mbrlen is equivalent to mbrtowc(NULL, s, n, ps) except that if ps is a null pointer, the address of an internal object is used instead. See mbrtowc. Returns 25.5 mbrtowc Convert Multibyte Character to Wide Character - Restartable <wchar.h> (C99)size_t mbrtowc(wchar_t * restrict pwc, const char * restrict s, size t n, mbstate_t * restrict ps); If s is a null pointer, a call of mbrtowc is equivalent to mbrtowc(NULL, "", 1, ps)

Otherwise, mbrtowc examines up to n bytes in the array pointed to by s to see if