**Dynamic Memory Allocation**

Function Use of Function

malloc() Allocates requested size of bytes and returns a pointer first byte of allocated space

calloc() Allocates space for an array elements, initializes to zero and then returns a pointer to memory

free() deallocate the previously allocated space

realloc() Change the size of previously allocated space

Syntax

malloc() : ptr = (cast-type\*) malloc(byte-size)

calloc() : ptr = (cast-type\*)calloc(n, element-size);

realloc() : ptr = realloc(ptr, newsize);

free(): free(ptr);