/* mem220.h - header file for ECE220's simple memory management package
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 */

#define _MEM220_H

#include <stdint.h>

#define MEM220_MAXALLOCLOG 20
#define MEM220_MAXALLOC   (1UL << MEM220_MAXALLOCLOG)

void* mem220_allocate  (size_t n_bytes);

void* mem220_allocate_and_zero  (size_t n_bytes);

int32_t mem220_reallocate  (void** ptr_to_ptr, size_t n_bytes);

void mem220_free  (void* ptr);

/* !defined(_MEM220_H) */