

Heap memory: allocate memory (var, array)
(malloc/free) with arhibrary life time access indirectly using pointers Stack memory: automatically alloced /dealloced Heap memony: must be explicitly dealloced (Java: New) (range of memory addresses) 2) malloc - allocate buffer dynamically (returns pointer) free - dealloc buffer 3) wemary leak alloc W/ dealloc } > valgrind 4) mallot - allocate unitialized memory int nitems; | a = (int*) malloc (sizeoflint) * nitems); valgaind invalid accesses (reads/writes)

array index 008

memory leaks

exclaim
returns

main

