**10.Write a C program to display statistics related to memory allocation system.**

**(Use mallinfo() system call).**

#include <stdio.h>

#include <malloc.h>

int main() {

struct mallinfo mi = mallinfo();

printf("Total non-mmapped bytes allocated (arena): %d\n", mi.arena);

printf("# of free chunks (ordblks): %d\n", mi.ordblks);

printf("# of free fastbin blocks (smblks): %d\n", mi.smblks);

printf("# of mapped regions (hblks): %d\n", mi.hblks);

printf("Bytes in mapped regions (hblkhd): %d\n", mi.hblkhd);

printf("Max. total allocated space (usmblks): %d\n", mi.usmblks);

printf("Free bytes held in fastbins (fsmblks): %d\n", mi.fsmblks);

printf("Total allocated space (uordblks): %d\n", mi.uordblks);

printf("Total free space (fordblks): %d\n", mi.fordblks);

printf("Topmost releasable block space (keepcost): %d\n", mi.keepcost);

return 0;

}