**Write a C program to map a given file in memory and display the contain of mapped file in reverse.**

#include <stdio.h>

#include <unistd.h>

#include <sys/types.h>

#include <sys/stat.h>

#include <fcntl.h>

#include <sys/mman.h>

int main(int argc, char \*argv[])

{

unsigned char \*f, \*g;

int size,x;

struct stat s;

const char \* file\_name = argv[1];

int fd = open(argv[1], O\_RDONLY);

int status = fstat(fd, &s);

size = s.st\_size;

f = (char \*) mmap (0, size, PROT\_READ, MAP\_PRIVATE, fd, 0);

printf("Contents of %s are:\n",argv[1]);

printf("%s",f);

close(fd);

printf("Contents of %s in reverse are:",argv[1]);

for(x = size - 1; x >= 0; x--)

{

char c;

c = f[x];

printf("%c",c);

}

return 0;

}