1. 소스코드

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| #include <stdio.h>  #include <stdlib.h>  #include <unistd.h>  #include <fcntl.h>  #include <sys/stat.h>  int main(void) {  struct stat statbuf;  char \*fname = "ssu\_myfile";  int fd;  if((fd = open(fname, O\_RDWR | O\_CREAT, 0600)) < 0) {  fprintf(stderr, "open error for %s\n", fname);  exit(1);  }    close(fd);  stat(fname, &statbuf);  //root 권한으로 실행시키면 uid, gid가 각각 0, 0이 출력됨  printf("# 1st stat buf call # UID:%d GID:%d\n", statbuf.st\_uid, statbuf.st\_gid);  //uid, gid 변경  if(chown(fname, 501, 100) < 0) {  fprintf(stderr, "chown error for %s\n", fname);  exit(1);  }  stat(fname, &statbuf);  //변경된 결과 출력  printf("# 2nd stat buf call # UID:%d GID:%d\n", statbuf.st\_uid, statbuf.st\_gid);  //unlink를 통해 link count 감소  if(unlink(fname) < 0) {  fprintf(stderr, "unlink error for %s\n", fname);  exit(1);  }  exit(0);  } |

2. 실행결과

