

```
#include<stdio.h>
#define L_SIZE 100 /* line size */
#define N_SIZE 40 /* name size */
int main(void) {
char line[L_SIZE], inname[N_SIZE], outname[N_SIZE];

printf("Enter the name of input file: ");
scanf("%s", inname);

FILE *infile = fopen(inname, "r");
if(infile == NULL) {
printf("Can't open %s", inname);
exit(1); /* terminate program with error*/
}

printf("Enter the name of output file: ");
scanf("%s", outname);

FILE *outfile = fopen(outname, "w");
if(outfile == NULL) {
printf("Can't open %s", outname);
exit(1); /* terminate program with error*/
}

printf ("The address in line: %d\n", line);

char *status = fgets(line, L_SIZE, infile);
printf("%d\n", status);
while(status != NULL) {
fputs(line, outfile);
status = fgets(line, L_SIZE, infile);
printf("%d\n", status);
}
fclose(infile);
fclose(outfile);
return 0;
}
```