

```
//Example 27
#include <stdio.h>
#include <stdlib.h>

int main ()
{
    char inname[81], outname[81];
    char string[81];
    char name[10][81];
    int i, n;
    FILE *infile, *outfile;
    printf("Enter input file name:");
    gets(inname);
    infile=fopen(inname, "r");
    if(infile != NULL)
    {
        printf("Enter output file name: ");
        gets(outname);
        outfile = fopen(outname, "w");
        if(outfile != NULL)
        {
            i = 0;
            while(fgets(string, 81, infile)!=NULL)
            {
                strcpy(name[i++],string);
            }
            n = i;
            for(i = 0; i < n; i++)
            {
                puts(name[i]);
                fputs(name[i], outfile);
            }
            fclose(infile);
            fclose(outfile);
        }
        else
        {
            printf("%s failed to open\n", outname);
            fclose(infile);
        }
    }
    else
    {
        printf("%s failed to open\n", inname);
    }
    system("pause");
    return 0;
}
```