

```

//Example 26
#include <stdio.h>
#include <stdlib.h>

int main ()
{
    char inname[81], outname[81];
    char c;
    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)
        {
            while((c = fgetc(infile))!=EOF)
            {
                putchar(c);
                fputc(c, 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;
}

```