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1	/* **** */	
2	/* Masazumi Kurihara 2004/08/26 */	
3	/* revised 2008/05/14 */	
4	/* ファイル名: fchg.c */	
5	/* */	
6	/* **** */	
7		
8	#include <stdio.h>	
9		
10	/* アルファベットの大きい文字を小文字へ変換, またはその逆を行なうプログラム */	
11	/* 97<= a,...,z <=122 <---> 65 <= A,...,Z <=90 */	
12		
13	chng(int a)	
14	{	
15	int b;	
16		
17	if (65 <= a && a <= 90){	
18	b=a+32;	
19	}	
20	else{	
21	if (97 <= a && a <= 122){	
22	b=a-32;	
23	}	
24	else{	
25	b=a;	
26	}	
27	}	
28		
29	return b;	
30	}	
31		
32	main()	
33	{	
34	FILE *fopen(), *fpr, *fpw;	
35	int cc;	
36	char namer[20], namew[20];	
37		
38	printf("...start fchg.\n");	
39	printf(" input file name? : ");	
40	scanf("%s", namer);	
41	printf(" output file name? : ");	
42	scanf("%s", namew);	
43	if((fpr=fopen(namer,"r")) == NULL) exit(-1);	
44	if((fpw=fopen(namew,"w")) == NULL) exit(-1);	
45		
46	while((cc=fgetc(fpr)) != EOF){	
47	cc=chng(cc);	
48	fputc(cc, fpw);	
49	}	
50		
51	fclose(fpr);	
52	fclose(fpw);	
53	printf(".. end of fchg.\n");	
54	}	
55		
56	/* **** */	
57	/*	
58		
59	コンパイル方法と実行方法:(ファイル名 title を変換し, ファイル名 goo に出力する)	
60		
61	IED: gcc -o fchg fchg.c	
62	IED: more title	
63	A Method for Obtaining Digital Signatures and Public-Key Cryptosystems	
64	IED: fchg	
65	...start fchg.	

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66	input file name? : title	
67	output file name? : goo	
68	.. end of fchg.	
69	IED: more goo	
70	a METHOD FOR oBTAINING dIGITAL sIGNATURES AND pUBLIC-KEY cRYPTOSYSTEMS	
71	IED: diff title goo	
72	ic1	
73	< A Method for Obtaining Digital Signatures and Public-Key Cryptosystems	
74	---	
75	> a METHOD FOR oBTAINING dIGITAL sIGNATURES AND pUBLIC-KEY cRYPTOSYSTEMS	
76	IED:	
77		
78	*/	
79	/* **** */	
80		
81		