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1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <fcntl.h>
4  #include <unistd.h>
5  #define BUFFER_SIZE 4096
6  void copyFile() {
7      const char *sourcefile = "sasi.txt";
8      const char *destinationfile = "sk.txt";
9      int source_fd = open(sourcefile, O_RDONLY);
10     if (source_fd < 0) {
11         perror("Error opening source file");
12         return;
13     }
14     int dest_fd = open(destinationfile, O_WRONLY | O_CREAT | O_TRUNC, 0666);
15     if (dest_fd < 0) {
16         perror("Error opening destination file");
17         close(source_fd);
18         return;
19     }
20     char buffer[BUFFER_SIZE];
21     ssize_t bytesRead, bytesWritten;
22     while ((bytesRead = read(source_fd, buffer, BUFFER_SIZE)) > 0) {
23         bytesWritten = write(dest_fd, buffer, bytesRead);
24         if (bytesWritten < 0) {
25             perror("Error writing to file");
26             break;
27         }
28         close(source_fd);
29         close(dest_fd);
30         printf("File copied successfully (sasi.txt ? sk.txt).\n");
31     }
32 }

```

```

29 void createFile() {
30     const char *path = "sasi.txt";
31     FILE *fp = fopen(path, "w");
32     if (fp == NULL) {
33         perror("Error creating file");
34         return;
35     }
36     printf("File '%s' created successfully.\n", path);
37     fclose(fp);
38 }
39 void deleteFile() {
40     const char *path = "sasi.txt";
41     if (remove(path) == 0) {
42         printf("Deleted '%s' successfully.\n", path);
43     } else {
44         perror("Error deleting file");
45     }
46 }
47 int main() {
48     int n;
49     printf("1. Create \t2. Copy \t3. Delete\nEnter your choice: ");
50     scanf("%d", &n);
51     switch (n) {
52         case 1: createFile(); break;
53         case 2: copyFile(); break;
54         case 3: deleteFile(); break;
55         default: printf("Invalid choice\n"); break;
56     }
57     return 0;
58 }

```

1. Create                      2. Copy                      3. Delete

Enter your choice: 1

File 'sasi.txt' created successfully.

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Process exited after 12.37 seconds with return value 0

Press any key to continue . . .