```c
1   #include <sys/types.h>   /* include necessary header files */
2   #include <fcntl.h>
3   #include <stdlib.h>
4   #include <unistd.h>
5
6   #define BUF_SIZE 4096    /* use a buffer size of 4096 bytes */
7   #define OUTPUT_MODE 0700 /* protection bits for output file */
8
9   int main(int argc, char *argv[])
10  {
11    int in, out, rbytes, wbytes;
12    char buf[BUF_SIZE];
13
14    if (argc != 3) exit(1);
15
16    if ( (in = open(argv[1], O_RDONLY)) < 0 ) exit(2); /* open source file */
17
18    if ( (out = creat(argv[2], OUTPUT_MODE)) < 0 ) exit(3); /* create destination file */
19
20    while (1) { /* Copy loop */
21      if ( (rbytes = read(in, buf, BUF_SIZE)) <= 0 ) break;    /* read a block of data */
22      if ( (wbytes = write(out, buf, rbytes)) <= 0 ) exit(4); /* write data */
23    }
24
25    close(in);
26    close(out);
27    if (rbytes == 0) exit(0); /* no error on last read */
28    else exit(5);             /* error on last read */
29  }
```