

EXP-2 :-

PROGRAM :-

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
#include <fcntl.h>
```

```
#include <unistd.h>
```

```
void copyFile(const char *source, const char *destination) {
```

```
    int src_fd = open(source, O_RDONLY);
```

```
    if (src_fd < 0) {
```

```
        perror("Error opening source file");
```

```
        exit(EXIT_FAILURE);
```

```
    }
```

```
    int dest_fd = open(destination, O_WRONLY | O_CREAT | O_TRUNC, 0644);
```

```
    if (dest_fd < 0) {
```

```
        perror("Error opening destination file");
```

```
        close(src_fd);
```

```
        exit(EXIT_FAILURE);
```

```
    }
```

```
    char buffer[1024];
```

```
    ssize_t bytesRead;
```

```
    while ((bytesRead = read(src_fd, buffer, sizeof(buffer))) > 0) {
```

```
        write(dest_fd, buffer, bytesRead);
```

```
    }
```

```
    close(src_fd);
```

```
    close(dest_fd);
```

```
}
```

```
int main(int argc, char *argv[]) {
```

```
    if (argc != 3) {
```

```
        fprintf(stderr, "Usage: %s <source> <destination>\n", argv[0]);
```

```
        exit(EXIT_FAILURE);
```

```
    }
```

```
copyFile(argv[1], argv[2]);  
return 0;  
}
```

OUTPUT :-

```
Usage: /tmp/WYp2o86UUv/main.o <source> <destination>
```

```
=== Code Exited With Errors ===
```