

```
#include <stdlib.h>
#include <stdio.h>
#include <unistd.h>
#include <string.h>

int main(int argc, char** argv)
{
    // create hard links
    if (argc == 3) {
        // make sure enough args have been given
        if (link(argv[1], argv[2]) < 0)
        {
            perror("Error creating hard link.");
            exit(1);
        }
    }

    // create soft links
    } else if (argc == 4) {
        if (!strcmp(argv[1], "-s")) {
            if (symlink(argv[2], argv[3]) < 0)
            {
                perror("Error creating soft link.");
                exit(1);
            }
        } else {
            printf("Usage:\n./executable oldpath newpath\n./executable -
s oldpath newpath");
            exit(1);
        }
    }

    // handle formatting error
    } else {
        printf("Usage:\n./executable oldpath newpath\n./executable -s oldpat
h newpath");
        exit(1);
    }
    return 0;
}
```