

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

```
#include <string.h>
```

```
void reverseString(char* str) {
```

```
    int length = strlen(str);
```

```
    int i, j;
```

```
    char temp;
```

```
    for (i = 0, j = length - 1; i < j; i++, j--) {
```

```
        temp = str[i];
```

```
        str[i] = str[j];
```

```
        str[j] = temp;
```

```
    }
```

```
}
```

```
int main() {
```

```
    char str[100];
```

```
    printf("Enter a string: ");
```

```
    fgets(str, sizeof(str), stdin);
```

```
    // Remove the newline character if present
```

```
    if (str[strlen(str) - 1] == '\n')
```

```
        str[strlen(str) - 1] = '\0';
```

```
    reverseString(str);
```

```
    printf("Reversed string: %s\n", str);
```

```
    return 0;
```

```
}
```