

```
1  #include <stdio.h>
2
3  int main() {
4      char sentence[100];
5      int i=0;
6
7      printf("Enter a sentence: ");
8      scanf("%s", &sentence);
9
10     while (sentence[i] != '\0') {
11         if (sentence[i] >= 'a' && sentence[i] <= 'z') {
12             // Convert lowercase to uppercase
13             sentence[i] = sentence[i] - 32;
14         } else if (sentence[i] >= 'A' && sentence[i] <= 'Z') {
15             // Convert uppercase to lowercase
16             sentence[i] = sentence[i] + 32;
17         }
18         i++;
19     }
20
21     printf("After conversion: %s", sentence);
22
23     return 0;
24
```