

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

```
void shift_encrypt(char *text, int shift) {  
    for (int i = 0; text[i] != '\0'; i++) {  
        if (text[i] >= 'a' && text[i] <= 'z') {  
            text[i] = (text[i] - 'a' + shift) % 26 + 'a';  
        } else if (text[i] >= 'A' && text[i] <= 'Z') {  
            text[i] = (text[i] - 'A' + shift) % 26 + 'A';  
        }  
    }  
}
```

```
void shift_decrypt(char *text, int shift) {  
    for (int i = 0; text[i] != '\0'; i++) {  
        if (text[i] >= 'a' && text[i] <= 'z') {  
            text[i] = (text[i] - 'a' - shift + 26) % 26 + 'a';  
        } else if (text[i] >= 'A' && text[i] <= 'Z') {  
            text[i] = (text[i] - 'A' - shift + 26) % 26 + 'A';  
        }  
    }  
}
```

```
int main() {  
    char text[100];  
    int shift;  
  
    printf("Enter the text: ");  
    scanf("%s", text);  
  
    printf("Enter shift value: ");  
    scanf("%d", &shift);  
  
    shift_encrypt(text, shift);  
    printf("Encrypted text: %s\n", text);  
  
    shift_decrypt(text, shift);  
    printf("Decrypted text: %s\n", text);  
  
    return 0;  
}
```