

Code:

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

int main() {
    char text[200];
    int k, i;

    printf("Enter the message: ");
    fgets(text, sizeof(text), stdin);

    printf("Enter shift value (1-25): ");
    scanf("%d", &k);

    k = k % 26;

    for (i = 0; text[i] != '\0'; i++) {
        if (isupper(text[i])) {
            text[i] = (text[i] - 'A' + k) % 26 + 'A';
        }
        else if (islower(text[i])) {
            text[i] = (text[i] - 'a' + k) % 26 + 'a';
        }
    }

    printf("Encrypted message: %s", text);

    return 0;
}
```

Input:

SECURITY
OUTPUT:

C:\Users\potte\Music>New fo X + | v

```
Enter the message: security
Enter shift value (1-25): 3
Encrypted message: vhfxulwb
```

```
Process exited after 7.076 seconds with return value 0
Press any key to continue . . . |
```