

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

int main() {
    char text[100], cipher[100];
    char key[] = "QWERTYUIOPASDFGHJKLZXCVBNM";
    int i;

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

    for (i = 0; text[i] != '\0'; i++) {
        if (isupper(text[i]))
            cipher[i] = key[text[i] - 'A'];
        else if (islower(text[i]))
            cipher[i] = tolower(key[text[i] - 'a']);
        else
            cipher[i] = text[i];
    }
    cipher[i] = '\0';

    printf("Cipher text: %s", cipher);
    return 0;
}
```

Enter plaintext: bhanu

Cipher text: wiqfx

==== Code Execution Successful ===