

```
#include <stdio.h>

void main (){

    char c;

    int key,r,start=97,stop=122;

    printf("enter a character: ");

    scanf("%c",&c);

    printf ("enter the key: ");

    scanf("%d",&key);

    key = key%26;

    if (c-key<stop){

        r = start-(c-key);

        r=r-1;

        //r is de difference between start and c-key, we will subsract this 'r' from stop

        c= stop-r;

        printf ("%c",c);

    }

    else{

        c= c-key;

        printf ("%c",c);

    }

}
```