Program-1

Caser cipher in c program

#include<stdio.h>

#include<string.h>

void encrypt(char m[],int key){

for (int i=0;i<strlen(m);i++){

if (m[i]>='A' && m[i] <='Z'){

m[i]=(m[i]-'A'+ key)%26 +'A';

}

else if (m[i]>='a' && m[i] <='z'){

m[i]=(m[i]-'a'+ key)%26 + 'a';

}

}

}

int main()

{

char m[100];

printf("enter the message:\n");

scanf("%s",m);

for (int key =1;key<=25;key++)

{

char enm[100];

strcpy(enm,m);

encrypt(enm,key);

printf("key %d: %s\n",key,enm);

}

return 0;

}

Output:

