#include<stdio.h>

#include<cs50.h>

#include<stdlib.h>

#include<string.h>

#include<ctype.h>

int main(int argc,string argv[])

{

if(argc != 2 )

{

printf("the key should be an integer and only one key is allowed \n");

return 1;

}

int k;

k = atoi(argv[1]);

while(k>26)

{

k = k-26 ;

}

string p;

p = GetString();

int n= strlen(p);

for(int i=0;i < n;i++)

{ if(isalpha(p[i]))

{

if(isupper(p[i]))

{

p[i] = ((((p[i]-65)+k)%26) + 65 );

}

if(islower(p[i]))

{

p[i] =( (((p[i]-97)+k)%26) + 97 );

}

}

}

printf("%s\n",p);

}

Output : ./caesar 5

ketan

pjyfs