Program-`16 possible shift in c

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

void encrpty(char plain[],int key){

for (int i=1;i<26;i++)

{

if (plain[i]>='a'&& plain[i]<='z')

{

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

}

}

}

int main()

{

char plain[100];

int i;

printf("enter the ciphertext:");

scanf("%s",plain);

for (i=10;i<20;i++)

{

char enm[100];

strcpy(enm,plain);

encrpty(enm,i);

int value=rand()%(100-1)+1;

int per=value;

printf("shift(.%d) %s\n",per,enm);

}

return 0;

}

Output;

