**EXP 2**

**Program:**

# include<stdio.h>

# include<string.h>

# include<conio.h>

int main ()

{

int i,x;

char str[100];

printf("\nPlease enter a string:\t");

gets(str);

printf("\nPlease choose the following options\n");

printf("1=Encrypt thr string.\n");

printf("2=Decrypt the string.\n");

scanf("%d",&x);

switch(x)

{

case 1:

for(i=0;(i<100 &&str[i]!='\0');i++)

str[i]=str[i]+3;

printf("\nEncrypted string:%s\n",str);

break;

case 2:

for(i=0;(i<100 &&str[i]!='\0');i++)

str[i]=str[i]-3;

printf("\nDecrypted string:%s\n",str);

break;

default:

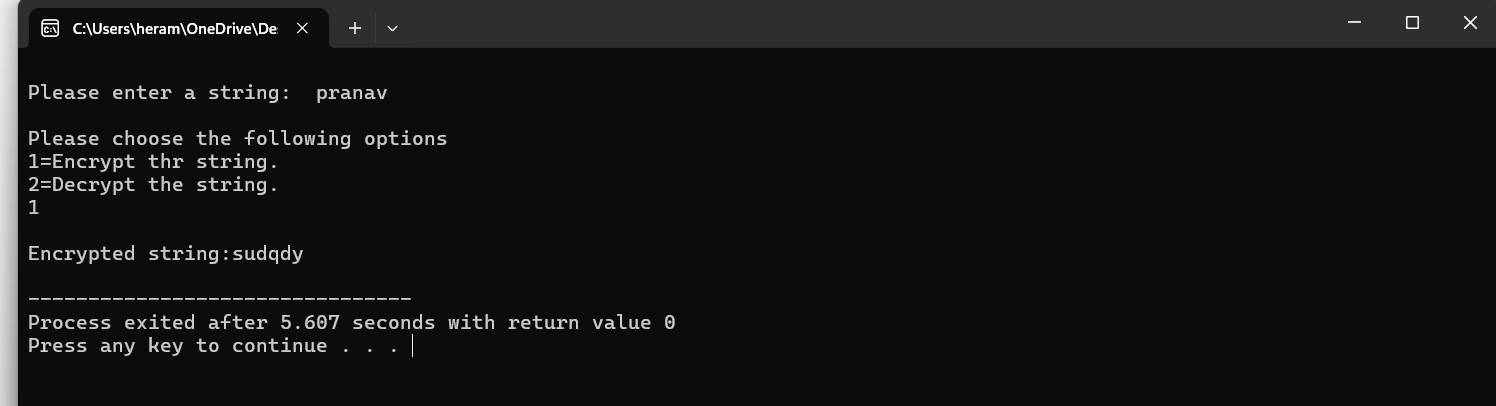
printf("\nError\n");

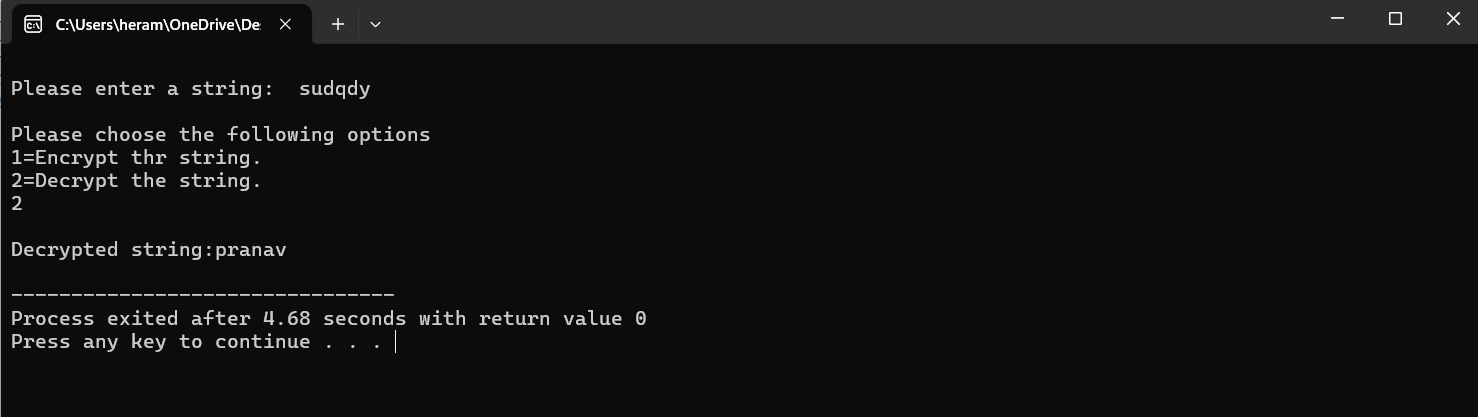
}

return 0;

}

**Output:**

****

****