**Information Security**

* **Practical-1: Cipher Shift Text**

**CODE:**

#include<stdio.h>

#include<conio.h>

#include<string.h>

#include<ctype.h>

int main()

{

int i, key;

char text[100],c;

// clrscr();

printf("\nCaesar Cipher - Encryption");

printf("\nEnter Message To Encrypt : ");

gets(text);

printf("\nEnter Key : ");

scanf("%d", &key);

for(i=0;text[i]!='\0';++i)

{

c=text[i];

if(c>='a'&&c<= 'z')

{

c=c+key;

if(c>'z')

{

c=c-'z'+'a'-1;

}

text[i]=c;

}

else if(c>='A'&&c<='Z')

{

c=c+key;

if(c>'Z')

{

c=c-'Z'+'A'-1;

}

text[i]=c;

}

}

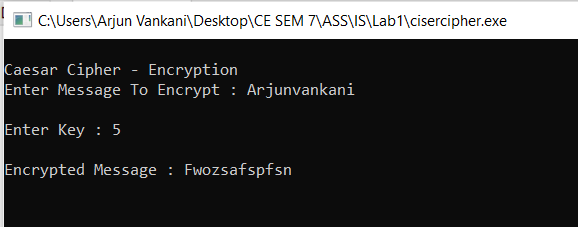
printf("\nEncrypted Message : %s", text);

getch();

return 0;

}

**Ouput:**

****