

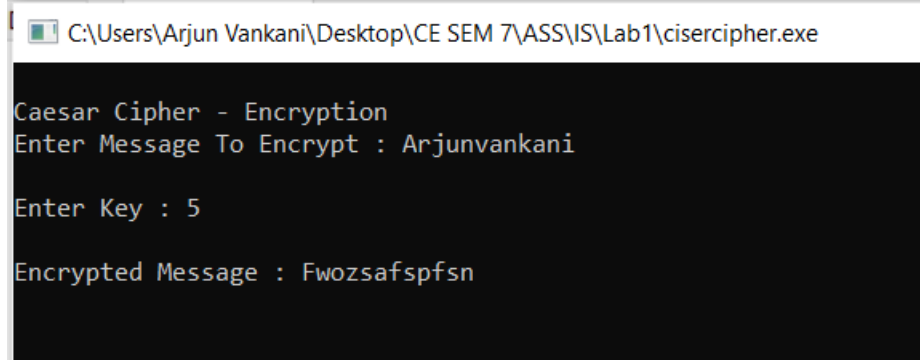
Information Security

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:

```
C:\Users\Arjun Vankani\Desktop\CE SEM 7\ASS\IS\Lab1\cisercipher.exe

Caesar Cipher - Encryption
Enter Message To Encrypt : Arjunvankani

Enter Key : 5

Encrypted Message : Fwozsafspfsn
```