```
Subject - Information security
 Naml-Shivani
 Rollno - 52 (1022762)
Q2Ay = the include (station)
     At include ( String. h)
        It include < Ctype. h)
                                plan Him . . . + +
        ind main ()
        int i, i, leur, leur, numrtr[100], numbkey[100], nuncipher
       Char Str [100], Key [100], Cipher[100];
      Printf ("enter a string text to encrypt 16");
 jumarie get (str);
      for (i=0; j=0; i < strlen(sto); i++)
      id (str [i]! = ')
        Str[i] = toupperi(str[i]);
        Str [i] = '\o';
       for (i=0; i < Stylen (840); i++)
         numstr[i] = str[i] - 'A';
        Printfl' enter Key string of random text \n");
gets (Key);
```

```
For(i=0) i=0; i < Stolen (Key); i++)
 if(key Ei]!= 1
   Key[i]: +oupper(key[i]);
       54+1
    key (i] = '10';
    for (i-o; i < stolen (key); i++)
     nombereyCi]: KeyCi] -'A';
     for (i=0; izstrlen (sto); i++)
     numcipher[i]= numrtor[i]+ numbkey[i]:
     for (i= 0; i < stolen (str); i++)
     if (numcipher (i] > 25)
      Numbipher[i] = numcipher[i]-26;
      Prints (" One time pad oiphers text in \");
      for (i= o; i< stralen (str); i++)
```

Printf("1.c", (numliphen[i]+ 'A')); Printf (" \n"); da in a hady also at the Con Myor Halen - 17 ... illy in the second of the seco A the state of the management of the state o at in policinal distributions in the dy many down to the state of the state Marine Ma Section 3119. Note that the second Kan i galan da kan jarah da kan ingan

C:\Users\91746\Desktop\security\shivani.exe	~_	>
Enter a string text to encrypt one time pad Enter key string of random text perfect One Time Pad Cipher text is DRVYMOXPtD		
Process exited after 69.02 seconds with return value 0 Press any key to continue =		