Name: - Shamsher Singh Bhandari Rollno: 49(1022759) (1) Cowse: - BSC IT 6th Sem Subject! Information security & Cyber Law Throgrand OTP # include (stolies.h)

include (builts /stc++.h) using have space St dg String One-time pad Encription (string Plants t, String Key Holy) etricy withoutspace plainted = (()) of storing withoutspace key take = (()) for (inti=0; i < plain Text. sire(); i++) [[(palaitect [i]) = (a) Ll plant text[i] (=(2)) without spore Plantset = to uppn (Plantse) Shark

bor (inti=0; i < kog valve . size(); i++) g((Key tolves[i]) >= 'A' Lt key voluli] <='Z')

[(Key tolves[i]) >= 'a' \(\frac{2!}{2!}\) key voluli] <='z')) withoutspare Key Value = + suppra(key Value [i]) jut Int = without space Plaintes d. Size (); int Int = without space Rey value & Size (); Storing new KeyValue = (1 1)0 p Storing final Key Van = (1 11) g (dn1) ln2) it estra = Ind -122; int extratime = extra 11n2; 2 (extra % Ind! = 6) 2 extratime + +; int cut =0; // for cout. Short

while (cut <= extratine) box(iti=0; i<ln2; i++)

rewky Values + = withouts per key Value(i);

y, Cnt ++; lor (ixi=0; ichl; i+f) final they Values += new Key Value [i]; - x for (1sti=0; i < Inl; i+t)

(sti=0; i < Inl; i+t)

(stimul Key Waln + = without Space.

- Key Van Li]; else of (ln 1 <= ln2) String and Ciphutesot = " 11. (++i =0;i L l ;i++)

int sun= ((without Space Plaint Teset [i]=(A') ()

+ (Final key Value (i) - A) +1) %. 21; yans Ciperteset + = (sun + (A)); (out << "Plant Test" : Kay Text -- " <<a href=" (Lendl") Court L' without Space Plaint Teset L' 11 final Key Vare Kt. return aus liphe Test; y // function pud (Finanti) storing plaintfeset, Key value; court 14 ccenter for Pourt set 11/24 end); getline (cin, plainteset); contic (contentry Lend);
get lin (cin, Keyvahe); String and = One time Pad Encript i (planted, Kaylan) Costet << Cipher teset << ans ; Shannsh

C:\Users\bhand\Desktop\oyp.exe

Enter Plain Text...

one time pad

Enter key values...

perfect

Plain Text : Key Text ...

ONETIMEPAD PERFECTPER

Cipher Text...

ESWZNOVEEV