Name - Sushmita German Cause - B. Sc It RaUNO - 1022770 Subject - Information Security Date - 17/6/21

5) # include (stolio.h) Harichedo (stall b. h) # include (Stury h) Folegin SILE 30 Vaid todamer Carse (char plain [], in ps) Jan Ci-o ; CLps; i++) { 9 (plante) > 6400 plan [i] <91) Plain[1] += 32; ent remove Spoors (chart plain, intps) inti, count-0; (i=0; i4pss; i++) 60 0, 60 26, 8 4 (planci) = plain [i] Sign of Higher 19 (plain[i]! = ") plain [cant++]= plain LiJ, plan [count] = 10% hetwo counti Vaid generale Key Table (Charky [], int ks, charky [[s] [s]) intilly, k, flag=0, xdetty; dety=(int *) calbe (26, suze of (in));

Gos (i=0; i < ks, i++) { Ouckeyeld! = y') stellety (King [i] - 97] = 2;

CAMBON STATE didy [1] - 92] - 1, Addition with my jan (k=0; k < ks; k++) { y (dety[ky)[k]-9]==2)8 dicty[key[k]-97]:1) The state of the s ky I [i][j] = ky [k]; 9 (j==5) { and the state of t for (k=0; k2 26; k++) { y(dicty[h]==0) { RuyTti)[]]=(chan)(k+9+); y (j==5) 2 vaid beauch (chan ky T[5][5), chan a , chabb, intan[]) SHOT ON POCO X3

(4Ca== 'y1) a 12% els is (6=='j')
6='i'; fai(1-0; 125,1++) { The property of the state of Jang: 07125,j++) { y(ky Ta)(j) == a) { anco)=ij CUALIJ also ij (kry TLi ILJ] == 6) 8 auti de Cari THE CONTRACTOR OF THE PARTY OF au [3] =1 ; at the supplied of the of the ent mod S(inta) 1813/104 124 21 21 11. Letwo (artis) 1 1 (m 1 1 m) 1 ent prepare (chai Str EJ, int ptrs) ij (ptrs 721=0) & 1901/250 B 3 St. [ptrs++] = 'z'; 13/ 16 200 Miller Es course de marge politica SHIPMS J: 10') CARLES SHELPS return ptrs; vaid encupt (char str [), charky TESIS], unt ps) EHOTEON, BOCOX3)

for Ci-o, icps jil 1= 2; { Learch (key To, str [1), str[1-1), a); y (ald) == ald) { Sty [1]= ky T[a [a]] mod Sa[J+1]], St [i+1] = key T[a [o]] mod 5 (a [s]+1)]; else H (a(1) = = a(3)) & State) = ky T [modS[a[o]+1)] [a[i]); Sh(i+1) - key T[mod S (a[7] +1) [a[1]); SK [i] = ky T [aLO] JE[3]] FIRST UT LA SK[i+1 J= kg T[a[2]) [1]] void encrypt ByPlayher Cipher Chan Stall , chan key (3) charps , ks , ky T[S[S] , RS=strlen(key); ks = remove Spaces (ky, ks), to damu (ase (key ks) PS- strien Estat, to fame (ase (sh, ps); PS= KemaneSpaces CSIA, ps); PS- Prepare (SM, PS), grende key Table (key, ks, kujT) on crypt Csk, key 7, ps); SHOT ON POCO X3

ent main (1 Chan str [SIZE], ky [SIZE] Strapy (key, 'key'); purty ('key text. 7. s\n', key); stropy (str, "go with flow"); purty ("Plaintext": 15 \n", 6th); en crypt By Playfour Cipher (str. ky)) punt ("Cypher text: 1.85" 18th); setuno,

● ● O O SHOT ON POCO X3

