0

Ay no: 2

١	2	34	1		3	4	L	2
A	M	1 1	7		I	71	A	M
0	N	E	Ε	1 1 1	E	E	Ø	N
0	2	3)	0.1	B	0	D	S
o		S	L		S	L	D	K
١	K	E	A	1 1	E	A	I	K
S		O	R			P /	S	W
	N	E	Ē			E	a	И
D	2	A	W		A	4 18		S
H		~	2		T	ے	H	Ē
7	O	N	Č	T.	~		7	6
1								

: Row transposition cipher: INA.

THENETO BODJ SLOK EATK ORSW EEON AWOS

Plantert = Winter is coming.

L = 0010 0000

I = 0100 1001

5 = 01010011

M = 09 1 90000

C = 01001111

0 = 01001101

M = 01 601101

I = 010010001

N = 01 00 1110

G = 01 000111

```
Blook-1=
          1 01 0111
         01001001
         01001119
         61010100
         01000100
             0 1 0010
         00000 100
         01001001
Block 2 =
            D
        ١
         000011
          00111
          001101
        1001001
      0
         1001110
         1000111
After using satist permutations
Dlock-1 =
      10 111
        06/010
        000001
        0100001
```

Ang n 0:3

tes, DES was a firstel cipher chredvie in its derign. The firstel copher is a symmetric structure used in the construction of block ciphers.

The frested streeture involves disoling the block is to two halves and then performing a series of rounds on these halve.

The full streduce provides DES
with 12th security properties. The felled
wherefore allows for efficient decryption
by wincy same algorithm it reverse,
I wapping the order of subtents whites.