Nama : BAGAS AKURNA

NIM : L200150035

Kelas : A

**KOMUNIKASI DATA**

D = BAG (tiga huruf depan nama anda)

P = A (kode ascii, menggunakan 7 bit, 0 paling kiri tidak dipakai)

‘BAG’=0x42, 0x41, 0x47 -> 01000010 01000001 01000111

‘A’ = 0x41 -> 01000001

D = 10000100100000101000111 (23 bit) -> k

n - k + 1

k = 23

n – k + 1 = 7

n – 23 + 1 = 7

n = 7 + 23 – 1

n = 29

n – k = 29 – 23 = 6

A = 1000001 (7 bit)

R = 6 bit => xxxxxx

T = 26 D + R = 10000100100000101000111 xxxxxx

* 10000100100000101000111000000

10000010011110001010101

1000001

~~00000~~1101000

1000001

~~0~~1010010

1000001

~~00~~1001101

1000001

~~000~~1100010

1000001

~~0~~1000110

1000001

~~0000~~1110111

1000001

~~0~~1101000

1000001

~~0~~1010010

1000001

~~00~~1100100

1000001

~~0~~1010010

1000001

~~0~~0100110

Jadi, T = 10000100100000101000111001001