KSA = saputra 1

| Index         | Value | Tabe ascii |
|---------------|-------|------------|
| $\mathcal{O}$ | ς     | U5         |
| (             | a     | 37         |
| 2             | p.    | uz         |
| 3             | (V    | 117        |
| 4             | 6     | 16         |
| 5             |       | L19        |
| 6             | a     | .97        |
| 7             | 9     | 49         |
|               | 7.3   |            |

S=[0,1,7,3,4,5,6,...,256,255]

Unture 1=0, J=0

J=(1+SC1)+k[1 med length (k)])mod 256

=(0+0+k[0]) mod 256

=(0+115) mod 256

=us mod 256 = us

Swap (S[J,S[J]) = Sweep (S[o],S[US]) 8=[US, 1,2,3,...,114,0,116,...,25]

untuk 1=1, J=115 J= CI+SCIJ+ K[I mod cenyt cm] mod 258 = LUSTIT KELIMES OF MOS 256 = (1161K[1]) mol 256 = (116+97) mod 256 213 mod 256 = 213 Swap (SEIJ, SEDJ) = Swap [SEIZ, STruz]) 5= [115,213,2,3,...,212, Ap14,...,256] untuk 1=2, J=213 = 1 st StiJt x I mod lengt Chr I mod 256 = 13+2+ 16(2 modo) mod256 = (200 115 + KC2) MOS 256 = LZIS+UZ) mod 256 =327 mod 256 = 71 Swap (SC2], S[7]) S=[115,713,71,3,....700,77,155.

Untok i=3, J=71

J=075 [I] + El rod length (=) Il mod 256

=62(+3+6(3)) mod 256

=(74+67) mod 256

= (91 mod 256=191

Swop (S[], S[191])

S=[115, 213, 71, 191, 4, .... (190, 3, 197, .... 255]

Untok [=4, ]=191

]=(191+4+k(limodo)) mod 256

=(195+1/64) mod 256

=311 mod 256 = 55

Surup (SI47, SESS3)

S=[US, 113, 71, 191, 53, 5, ..., 5d, 9,56,..., 255)

Untok 1=5, J=53

J=L55+5+675mod 6]) mod 256

= L60+U4) mod 256

= 174 mod 256 = 174

Date

| swap (s [i], s [] = swap [s ts] (S[179])           |
|--|
| untuk 1=6, J=174                                   |
| J= (174+6+ K[6 mod 0]) mod 256                     |
| = 1 180+97) vrol 256                               |
| = 271 mod 256 = 21                                 |
| Swap (Stb. St'21)                                  |
| S=[115,21371,181,55,174,21,76,2<br>255]            |
|  |
| 22 (21+7+ K[7 mode) mod 256                        |
| = (28+99) mod 256                                  |
| = 77 mod 256 = 77                                  |
| Swap & S[7]8 [77])                                 |
| S=[115,213,71,199,55,474,21,77,8,<br>76,7,78,,257] |
|  |
|  |
|  |
|  |

Schungga: hongga Uterasi k 255,

S=[115, 213,71, 4), 3(, 174, 20, 79,733, 105,17, 94,211/101/150,244,93,207/121/129,59 144,79,49,35,34,39,13,156,2,14,99, 165,187,186,118,6,113,169,171,15, 97,75 255, 134, 250, 32, 57, 8, 47, 406, 609, 29,3 143,69,100, 42,18,30,56,9,7,196,0,173 192,205,78, 137,132, 249,176,87,83,194 204, 27, 40, 132, 196; 233, 193, 195, 189, 89,96 212,159, 103, 28, 23, 124, 230, 236, 188, 72 85,82,169, 96,225, U9, 56,297, 192, 86,192 12311, 181, 149, 116, 215, 227, 198, 131, 231 184,177,36,76,180,107,130,140,251,127, 95, 7,56, 60, 259, 158, 102, 252, 198,69 726, 26, 139, 139, 122, 16, 62, 19, 77 720, 153, 33, 152, 159, 9, 168, 24, 216 232 (249 88 (198 (209 228 218 (175 199 53 155, 178, 243, 239, 91, 66, 52, 239, 197 185,254,65, 157,2,120, 170, 170, 170, 170, 100, 727,108,64,64,60,98,10,94,126,130,68 25,195, 17, 15463, 728, 223, 203, 85 45, 252, 192, 170, 172, 296, 63210, 23895

701, 81,182, 219 162,221,00,(67, W,853, 179, 206, 245, 43, 241, 58, 217, 219, 55,68 138, 37, 24, 109, 10,4, [68, 191,120, W2,84 11, 22, 240, 90, 80, 5, 73, 56 208, 700 257)

PREA

Plaintext = 7086

| INJOX | value | decemal |  |
|-------|-------|---------|--|
| 0     | 2     | 30      |  |
| 1 4   | 0     | 48      |  |
| 2     | 8 108 | 56      |  |
| 3     | 6 21  | 50      |  |

untote 1=0,3=0

1 = (111) mad 256 = (011) mod 256= 1 3 - (3+5(1) mod 256

= (0 + S[1]) mod 256

= ( of S 2(3) mod 250

- 213

(CEISTS) - Swap (SCI) Strist)

(KKY)

Date

```
C= [115, 201,71,---,75,213,81,--,25]
E= SEIJ+S[J] = 158
U= SItJ = 198
C=UEPEINDENJ=(68=1
untuk (=1, ]=213
    1=(i+2) mod 256 = (1+1) mod 256=2
    J=L1+S[i]7mod 256
      = (2137 S[2]) mod 256
      = 1213 + 71] mod 256
      = 284 mod 256 = 28
  Swap (S[I], S[J]) = Swap (S[J] S[18])
  S=[115, 201, 156, 49, -- (13,71, -- ,25]
   1 = STIJ+ S [J] = 227
   U= S[1]= 241
   U= SLIJ= :41
C= U@ p[Index] = 193=A
 Unto & 1=2/J=28
   1= (1H) mod 256= (2H) mod 256 = 3
    J=128+49+ mod 256
     = 23 77) mod 256 = 77
```

Date

```
Swap (S[49], S[77])
S=[115, 201, 156, 196, 31,
    25
 t= SCi]+S[]=195
 U= S Ct] = 145
 C=UDP[Index]=165=7
Untok 1=3, J=77
  i = (1+2) mod 256(3+1) mod 286=4
  J= (J+S[i]) mod 256
   = 177 + S[4]) mod 266
   = 108 mod 256 =08
Swap (SI4], STLORT)
 S= 1115,201,156,166,199,...,
 t=5[i]+S[j]=186
W= ST+7=70
C = UB P [Index] = 116 = 8
```