

MAY 20

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Shashank Kumar
WK 15 • 098-268IBM 18CS0987
APR 11 TUE

#include <stdio.h>
 char m[50], g[50], r[50], q[50];
 temp[50];

void cattrans (int);
 void arc (int);
 void shift1 ();
 void shift1C ();
 int main ()

int n, i = 0;
 char ch, flag = 0;
 while ((ch = getc (stdin)) != '\n')
 m[n++ - 1] = ch;
 m[n] = '\0';
 #if print (m);
 for (i = 0; i <= 16; i++)
 g[i] = 0;

g[0] = g[4] = g[11] = g[16] = 1;

g[17] = 0;

print ("g");
 arc (n);

8

APR
WED

MAR '20

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

printf(r);

for (i = 0; i < 16; i++)

if (r[i] == '0')

flag = 1;

else

continue;

if (flag == 1)

printf("Error during transmission");

else

printf("Received frame correct");

}

void occ(int n)

{ int q, j;

MAY 20

M	T	W	T	F	S
4	5	6	7	B	9 10
11	12	13	14	15	16 17
18	19	20	21	22	23 24
25	26	27	28	29	30 31

WK 15 • 100-266

APR
THU

9

for ($i=0; i < n; i++$)

temp[i] = m[i];

for ($i=0; i < 16; i++$)

x[i] = m[i];

print C intermediate
remainder);

for ($i=0; i < n-16; i++$)

{ if (a[i] == c[1])

{ q[i] = c[1];

column(c));

}

else

{ q[i] = 6);

shift(c);

}

10

APR
FRI

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

$$r[16] = m[17 + i]$$

$$r[17] = 0;$$

printf ("remainder %d\n",
 i+1, r);

for (j=0; j < 17; j++)

temp[j] = r[j];

3

j[n-16] = 0;

}

void cabam()

{ int i, j;

for (i=1; i < 16; i++)

r[i-1] = ((int) temp[i] - 48)

^ ((int) temp[i] - 48)

((int) g[i] - 48) + 48)

MAY 20

WK 15 • 102-264

M	T	W	T	F	S	S
5	6	7	8	9	10	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APR
SAT

11

Void shiftIC()

{ int q;

for (i = 1; i <= 16; i++)

x[i - 1] = x[i];

}

void cattrans(int n)

{ int q, k = 0;

for (i = n - 16; i < n; i++)

m[i] = ((int)m[i] - 48) ^

(int)x[k + i - 48]

+ 48;

m[i] = (int);

3

SUN

12

2020