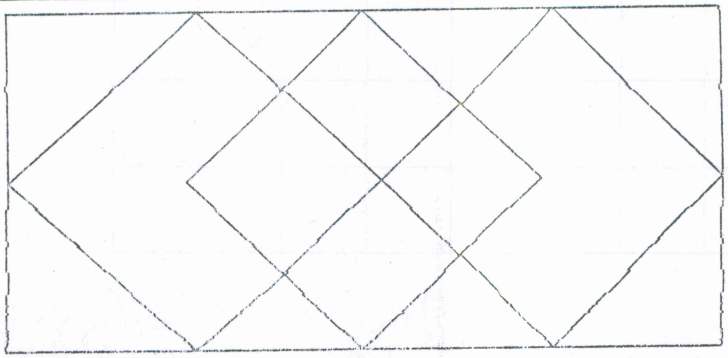
J. SRIDAR, Tr. PUMS. THAZHANGOOR
9443963091

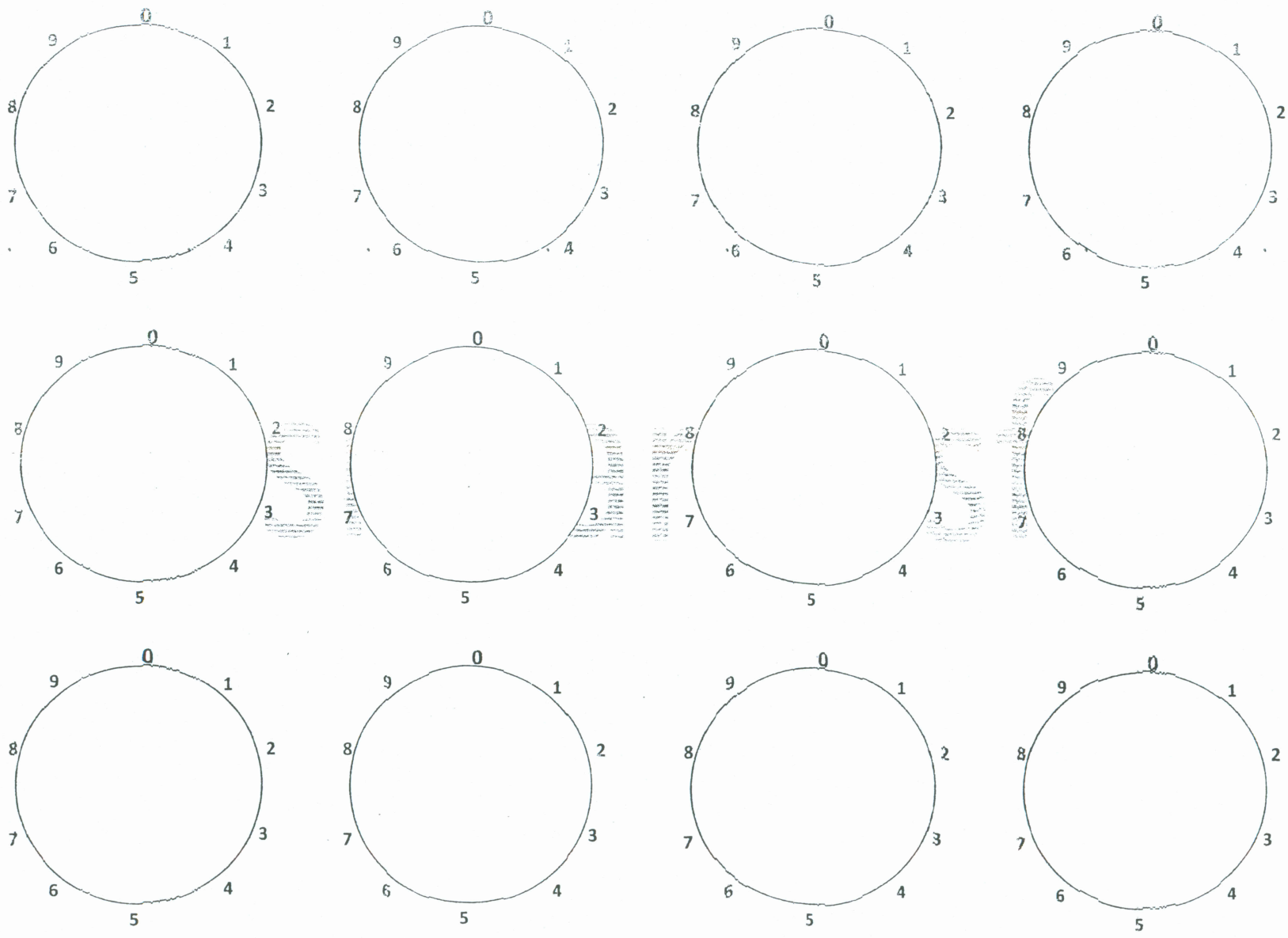
STUDENTS MATHS FESTIVAL - 2014

NAME													
CLASS													
SCHOOL													
TOWN/VILLAGE													

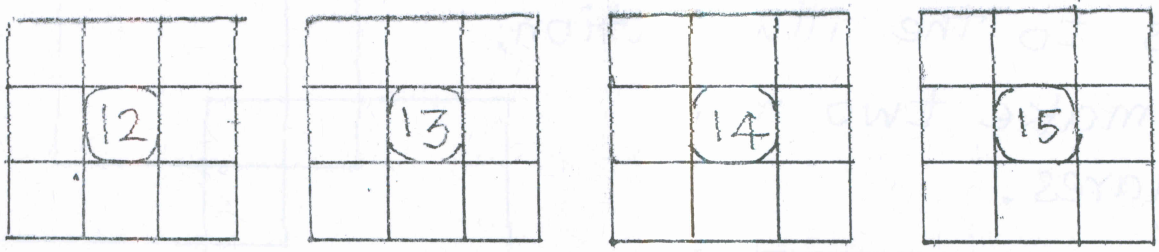
A	B	C	D	E	F	G	H	I	J	K	L	M
01	02	03	04	05	06	07	08	09	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

						20	08	01	14	11		25	15	21							
	20	14	19	06		01	18	03	15	20		01	14	04		22	05	12	12	15	18	05
22	11	18		19	18	09	14	09	22	01	09	01	14		13	12	01		19	09	18	
01	14	04		09	13	19	03		03	08	05	14	14	01	09							

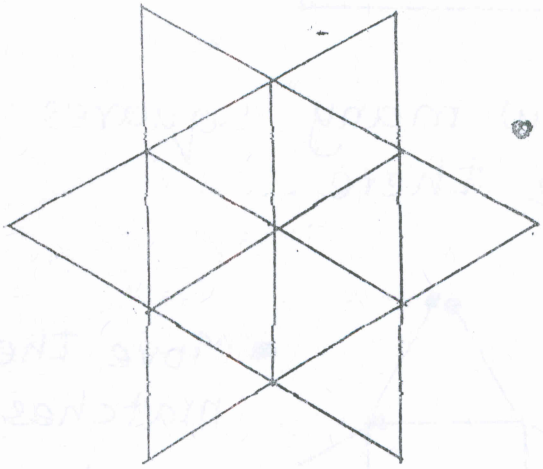



0 1 2 3 4 5 6 7 8 9

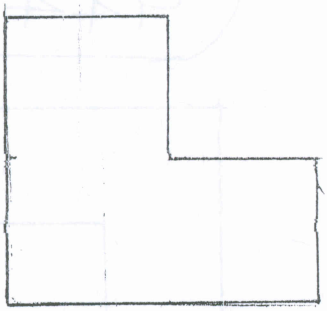
தமிழ்நாடு அறிவியல் இயக்கம்
ஆற்காடு மையம்



• Put 1 to 8 digit

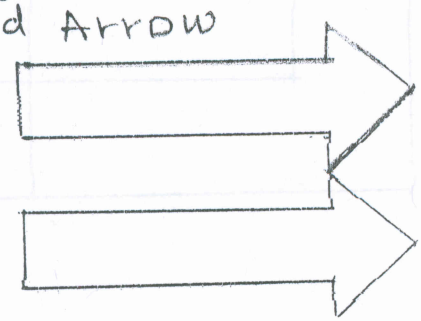


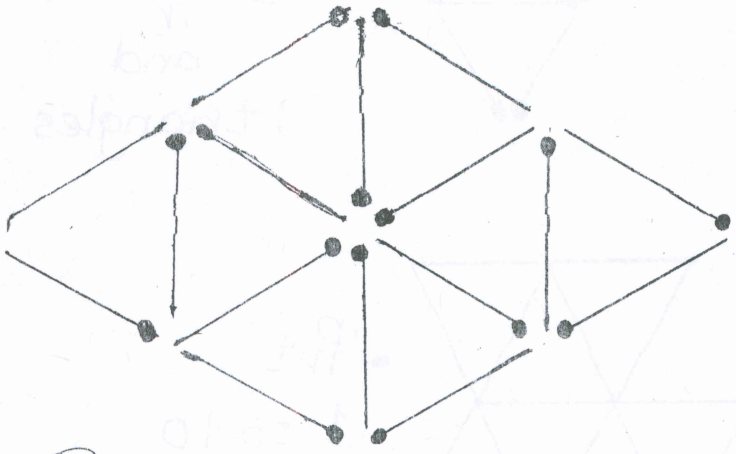
• How many triangles Can you see in this picture?



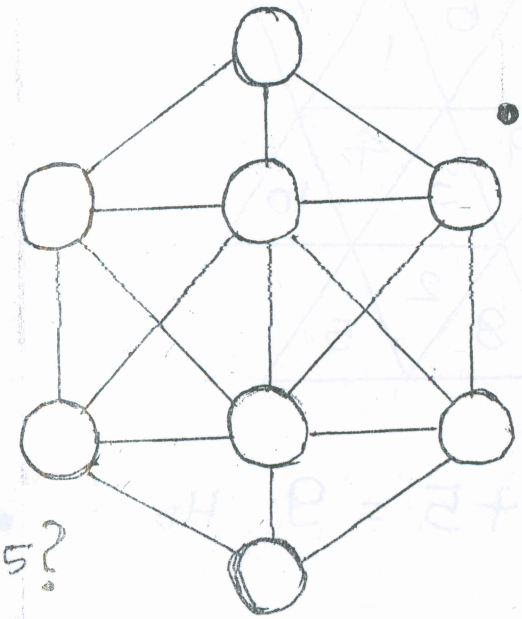
• Divide into 4 equal areas

• Add two lines Make 3rd Arrow





• Remove 4 matches make 4 equilateral triangles.

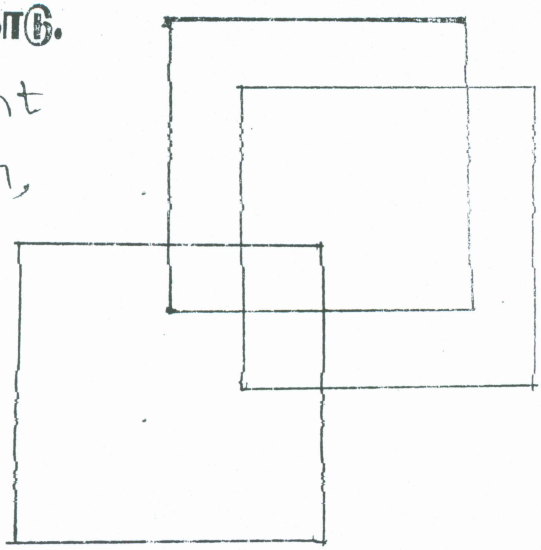


• Put 1 to 8 digit

• 18446744073709551615?

தமிழ்நாடு அறிவியல் இயக்கம், ஆற்காடு.

- Add two more straight lines to the illustration, to make two more squares.



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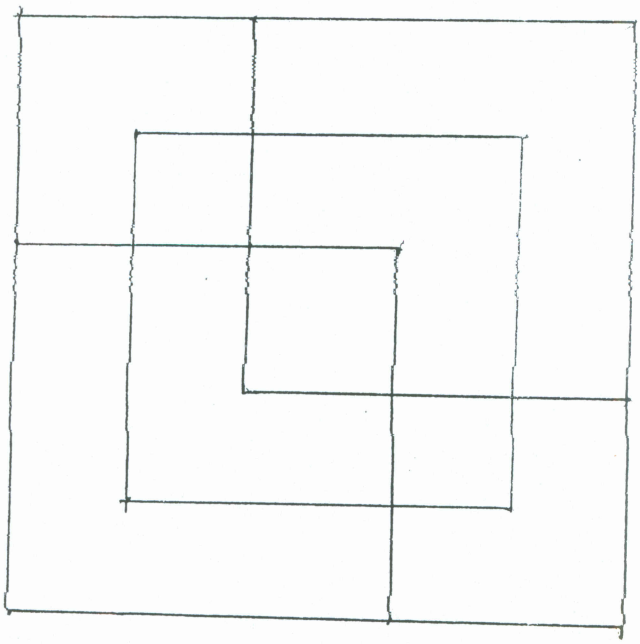
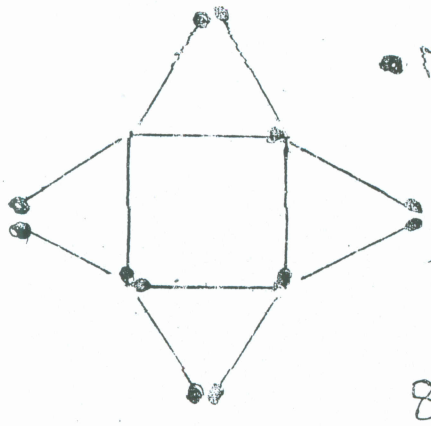
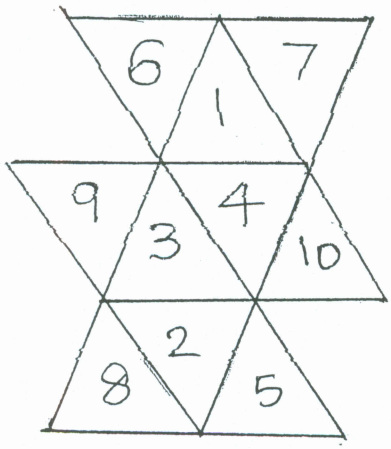
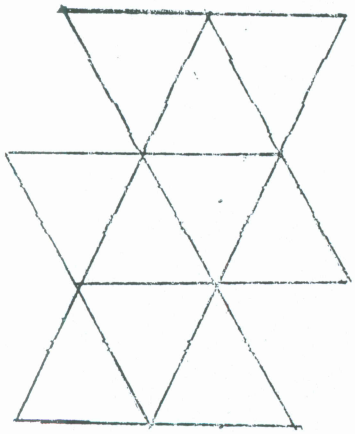


- How many squares are there.....



- Move the matches. make 3 squares and 8 triangles





- Put 1 to 10 digit

- 6+5 = 9 How?

- $\boxed{X1+1=X}$ Why?

POWER OF தமிழ் !!!

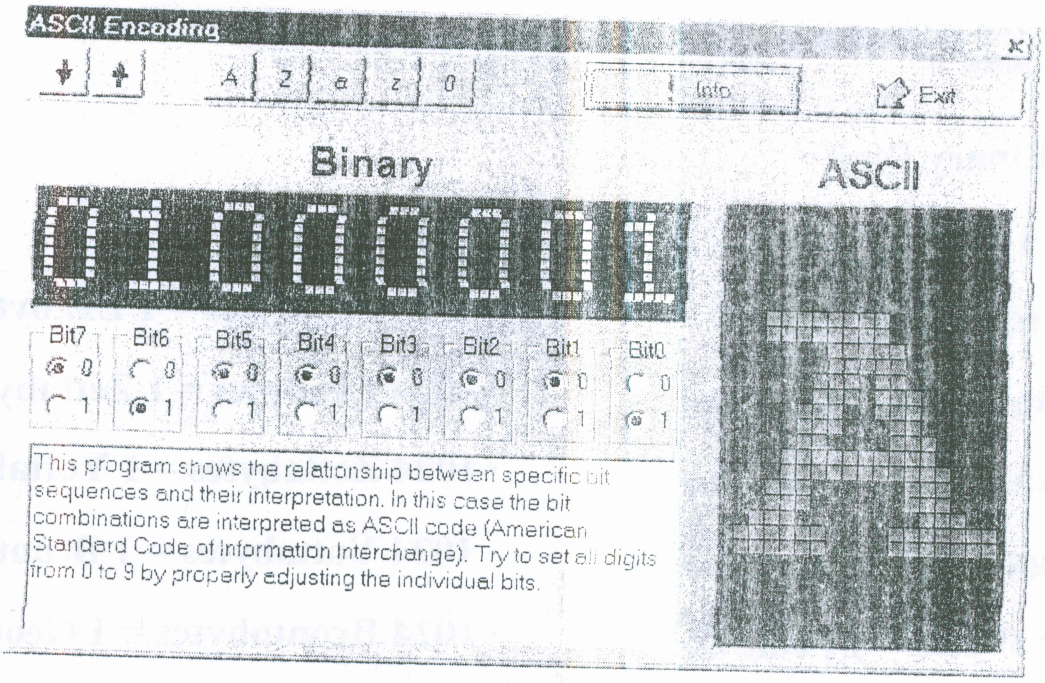
1 = ONDRU -one
10 = PATHU -ten
100 = NOORU -hundred
1000 = AAYIRAM -thousand
10000 = PATTAYIRAM -ten thousand
100000 = NOORAYIRAM -hundred thousand
1000000 = PATTU NOORAYIRAM - one million
10000000 = KOODI -ten million
100000000 = ARPUTHAM -hundred million
1000000000 = NIGARPUTAM - one billion
10000000000 = KUMBAM -ten billion
100000000000 = KANAM -hundred billion
1000000000000 = KARPAM -one trillion
10000000000000 = NIKARPAM -ten trillion
100000000000000 = PATHUMAM -hundred trillion
1000000000000000 = SANGGAM -one zillion
10000000000000000 = VELLAM -ten zillion
100000000000000000 = ANNIYAM -hundred zillion
1000000000000000000 = ARTTAM -??????
10000000000000000000 = PARARTTAM --anybody know?
100000000000000000000 = POORIYAM ---????????? ?????
1000000000000000000000 = MUKKODI -??????????? ???????
10000000000000000000000 = MAHAYUGAM -??????????? ??????

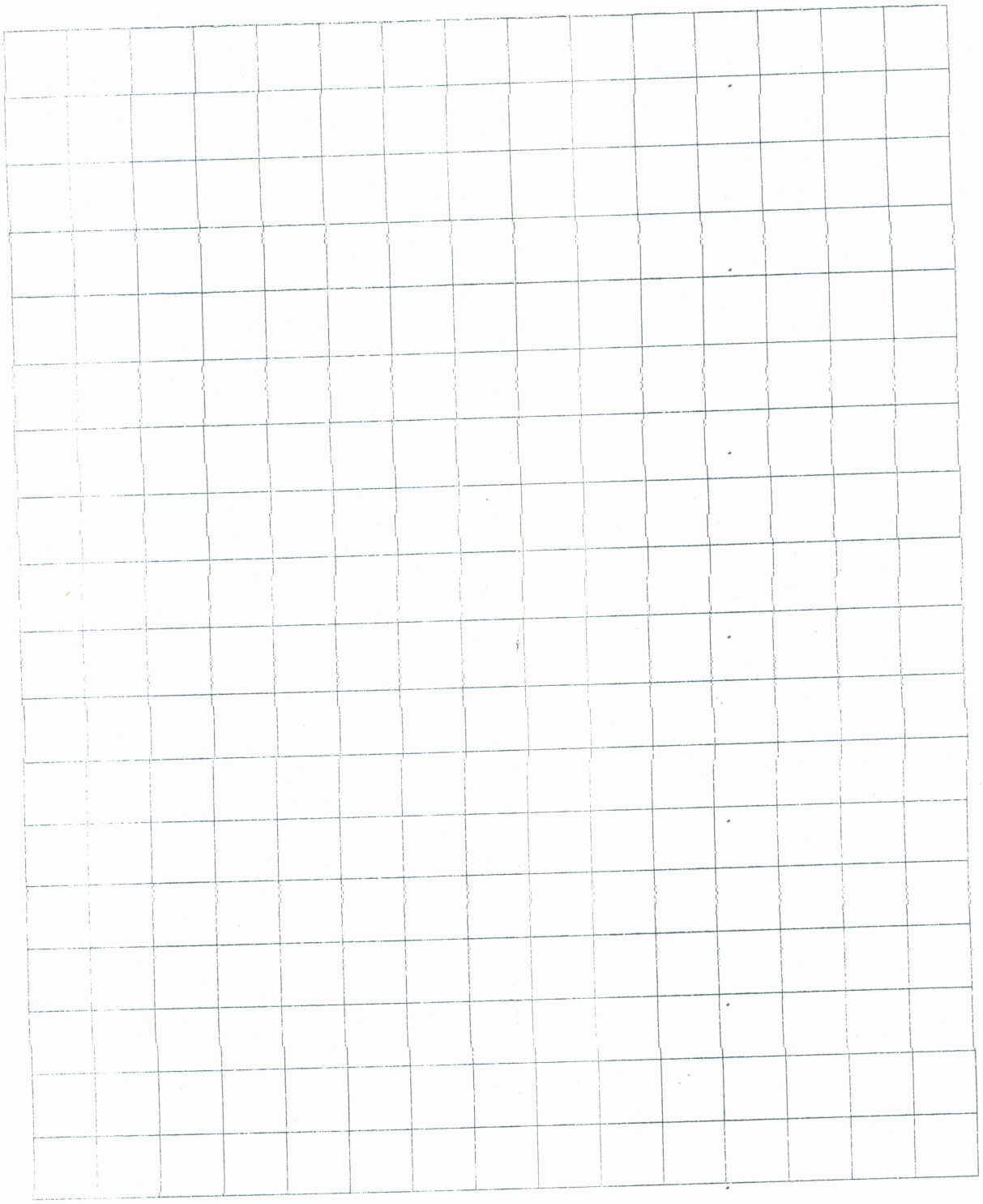
One of the oldest and greatest languages in the World!!!
இது தான் தமிழ் !!!

- 1 Bit = Binary Digit
- 8 Bits = 1 Byte
- 1024 Bytes = 1 Kilobyte
- 1024 Kilobytes = 1 Megabyte
- 1024 Megabytes = 1 Gigabyte
- 1024 Gigabytes = 1 Terabyte
- 1024 Terabytes = 1 Petabyte
- 1024 Petabytes = 1 Exabyte
- 1024 Exabytes = 1 Zettabyte
- 1024 Zettabytes = 1 Yottabyte
- 1024 Yottabytes = 1 Brontobyte
- 1024 Brontobytes = 1 Geopbyte

Let us do an example.

Binary	Letter	Binary	Letter	Binary	Letter
0100 0001	A	0100 1010	J	0101 0011	S
0100 0010	B	0100 1011	K	0101 0100	T
0100 0011	C	0100 1100	L	0101 0101	U
0100 0100	D	0100 1101	M	0101 0110	V
0100 0101	E	0100 1110	N	0101 0111	W
0100 0110	F	0100 1111	O	0101 1000	X
0100 0111	G	0101 0000	P	0101 1001	Y
0100 1000	H	0101 0001	Q	0101 1010	Z
0100 1001	I	0101 0010	R		






Quiet Zone
Guard Bar Pattern
Data
Central Guard Bar Pattern
Data
Check Digit
Quiet Zone
ISBN 978-4-568521-474
784568
521474
EAN
Group
Publisher
Title Check Digit


Left Guard
0 5 1 0 0 0
Center Guard
0 1 2 5 1 7
Right Guard
Left-Side Codes
0001101 = 0
0011001 = 1
0010011 = 2
0111101 = 3
0100011 = 4
0110001 = 5
0101111 = 6
0111011 = 7
0110111 = 8
0001011 = 9
Error Checks
Odd # of 1s
Begins 0
Ends 1
Right-Side Codes
1110010 = 0
1100110 = 1
1101100 = 2
1000010 = 3
1011100 = 4
1001110 = 5
1010000 = 6
1000100 = 7
1001000 = 8
1110100 = 9
Error Checks
Even # of 1s
Begins 1
Ends 0
Manufacturer's Code
Product Code
0 5 1 0 0 0 0 1 2 5 1 7
1 2 3 4 5 6 7 8 9 10 11
Type of Barcode
0 = Standard
2 = Weighed Items
3 = Pharmacy
5 = Coupons
Modulo Check Character Formula
3x(0+1+0+0+2+1)+(5+0+0+1+5)=23
1 3 5 7 9 11 2 4 6 8 10
Subtract the result of this formula from the next highest multiple of 10.
Modulo Check Character

A-1, 5,6,15

B-2, 4, 15

C-1,3,5,14,15

D-2,3,4,5,6,7,8,9,10,11,12,13,14

E-1, 3, 5, 14, 15

F-2,4, ,15

G-1,4,15

H-2, 5, 15

I-3, 6,9,15

J-4, 8, 9

K-7,9,10,11,12,13,14

L-6, 9, 14, 17

M-5, 9, 14, 16

N-4, 9, 11, 12,13,14,15

O-3, 9, 11, 14

P-4,9,11,12,13,14,15

Q-5,9,14,16

R-6, 9, 14, 17

S-4,7,9,10,11,12,13,14

T-4,8,9,14

U-3, 5,9,15

V-2, 6,12, 14

W-2, 6,12,13,15

X-2,6,11,12,13,14,15

Y-3, 5, 12, 15

Z-4, 15

COMPUTER LANGUAGE

10001100000000100	00010001100001000
01010000000000100	00010000101111100
10101000000001100	00100010101001000
01111111111111000	00010000101111100
10101000000001100	00001000100001010
01010000000000100	00000100100001001
10010000000000100	00010010111111000
01001000000000100	00101000100000100
00100100100000100	01000100000011100
00010001100001000	01000100000110100
00000010111111000	01000100001111100
00000100100001001	00101000000100100
00001000100001010	00010000000001000